

Converting Colors

YUV(232.1630, -7.4754,
-29.0840)

Have a look what the booklet for
YUV(232.1630, -7.4754, -29.0840)
contains.

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Color

**YUV(232.1630, -7.4754,
-29.0840)**

Conversions

Conversions Part 1

Format	Color
Hex	C7FCD9
RGB	199, 252, 217
RGB Percent	78%, 99%, 85%
CMY	0.2196, 0.0118, 0.1490
CMYK	0.21, 0.00, 0.14, 0.01
HSL	140°, 90%, 88%
HSV	140°, 21%, 99%
XYZ	70.8880, 86.7727, 78.6582
YIQ	232.1630, -20.3530, -22.1210

Conversions

Conversions Part 2

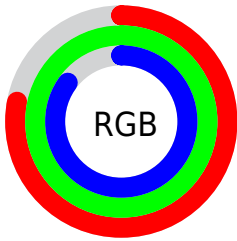
Format	Color
R _{YB}	199, 239, 252
Decimal	13106393
CIE Lab	94.64, -23.47, 11.31
CIE LCh	95, 26.050, 154.279
Yxy	86.7727, 0.3000, 0.3672
Android (android.graphics.Color)	4291296473 (0xFFC7FCD9)
YUV	232.1630, -7.4754, -29.0840
Hunter-Lab	93.1519, -27.1784, 15.1413

Details

The YUV color $232.1630, -7.4754, -29.0840$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $218.8370, 7.4754, 29.0840$, and the grayscale version is $232.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $175.9890, -6.8966, -28.0544$ is the 20% darker color. If you saturate the color by 10%, you get $222.7500, -11.2157, -42.7537$, and if you desaturate by 10%, it is $241.5760, -3.7350, -15.4142$.

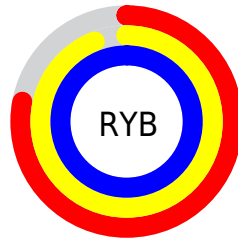
Distribution



Red (78%)

Green (99%)

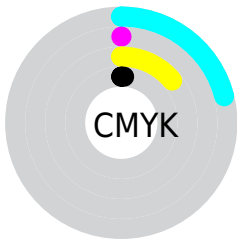
Blue (85%)



Red (78%)

Yellow (94%)

Blue (99%)

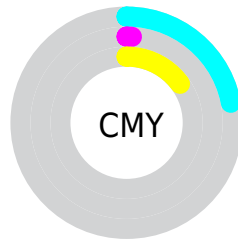


Cyan (21%)

Magenta (0%)

Yellow (14%)

Black (1%)



Cyan (22%)


Magenta (1%)


Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 232.1630, -7.4754, -29.0840 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 232.1630, -7.4754, -29.0840 by changing the saturation by 10% instead.

 232.1630, -7.4754,
-29.0840

 232.1630, -7.4754,
-29.0840


255.0000, 0.0000,
0.0000


 203.5760, -7.1860,
-28.5692

 175.9890, -6.8966,
-28.0544

 149.4020, -6.6072,
-27.5396

 122.8150, -6.3178,
-27.0248

 98.2280, -6.0284,
-26.5100

 73.4560, -5.1548,
-26.7099

 49.3850, -4.1338,

-27.5246

■ 28.1080, -3.9972,
-24.6507

■ 14.6750, -7.2348,
-12.8700

■ 232.1630, -7.4754,
-29.0840

■ 232.1630, -7.4754,
-29.0840

■ 222.7500,
-11.2157, -42.7537

■ 241.5760, -3.7350,
-15.4142

■ 213.4510,
-14.5193, -56.5235

■ 250.8750, -0.4314,
-1.6444

■ 203.7390,
-18.1123, -70.8081

■ 253.2390, 0.8682,
1.5444

■ 194.3260,
-21.8527, -84.4779

■ 185.0270,
-25.1563, -98.2477

■ 175.6140,
-28.8967, -111.9175

■ 166.3150,
-32.2003, -125.6873

■ 157.7280,
-35.3619, -138.3275

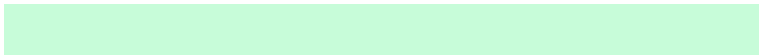
Harmonies

Analogous

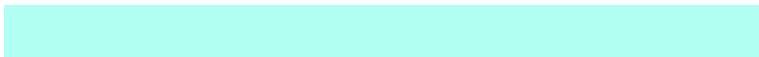
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



235.4340, -18.4550, -7.3966



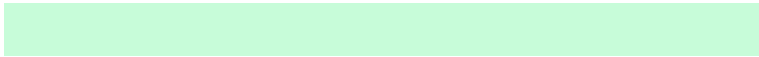
232.1630, -7.4754, -29.0840



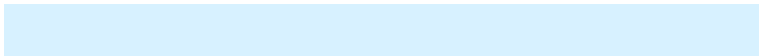
229.6090, 6.1088, -46.1381

Triad

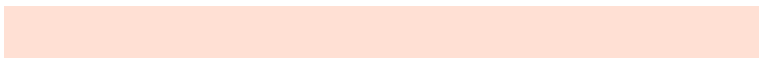
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



232.1630, -7.4754, -29.0840



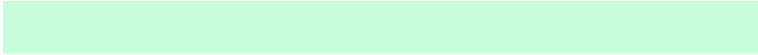
234.8220, 9.9478, -17.3839



231.9010, -9.8112, 20.2578

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



232.1630, -7.4754, -29.0840



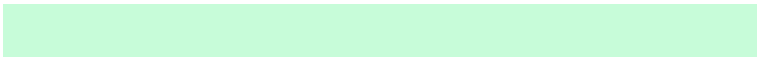
218.8370, 7.4754, 29.0840

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



233.5770, 1.6875, 18.7880



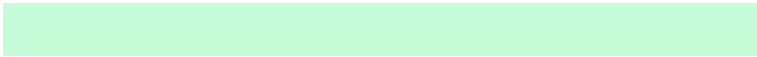
232.1630, -7.4754, -29.0840



239.7050, 7.5404, 8.1517

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



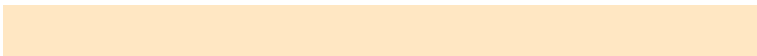
232.1630, -7.4754, -29.0840



229.9610, 12.3442, -39.4308



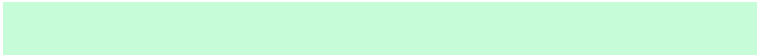
237.3900, 8.6817, 15.4440



234.0720, -19.2625, 18.3539

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



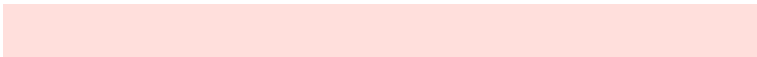
232.1630, -7.4754, -29.0840



228.9980, 12.8190, -51.7412



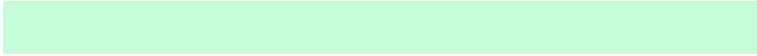
237.3900, 8.6817, 15.4440



232.2260, -6.0274, 19.9728

Sweetspot

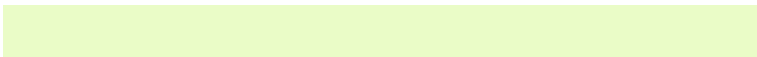
The Sweet Spot groups the original color and five complimentary colors.



232.1630, -7.4754, -29.0840



249.3750, -2.1569, -8.2219



240.5760, -20.4970, -5.7672



124.6250, -1.2941, -4.9331



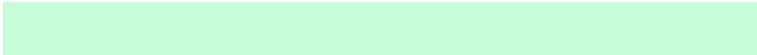
0.0000, 0.0000, 0.0000



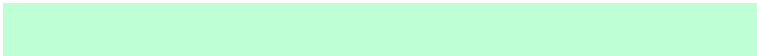
128.0000, 0.0000, 0.0000

Same Dimension

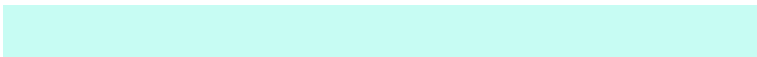
The Same Dimension uses a secret algorithm to generate beautiful new colors.



232.1630, -7.4754, -29.0840



231.0760, -8.9115, -35.1467



235.1270, 3.8814, -31.6834



120.2010, -1.5781, -7.1923



118.2390, -26.7398, -103.6956



38.2010, -8.4801, -33.5023

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



218.8370, 7.4754, 29.0840



214.9240, 8.9115, 35.1467



215.8730, -3.8814, 31.6834



116.9130, 2.0149, 7.0923



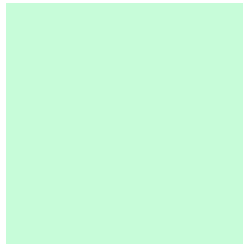
70.7610, 26.7398, 103.6956



22.7990, 8.4801, 33.5023

Previews

White Background



This preview shows how the YUV color 232.1630, -7.4754, -29.0840 looks on a white background.

Color Contrast Check

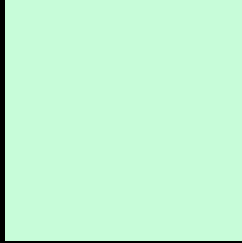
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 232.1630, -7.4754, -29.0840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

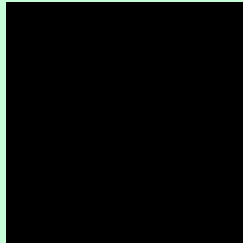
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

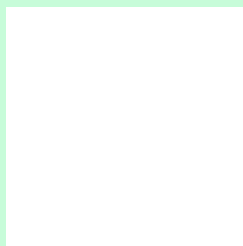
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 232.1630, -7.4754, -29.0840

Background



This preview shows how black text looks on a background with the YUV color 232.1630, -7.4754, -29.0840.



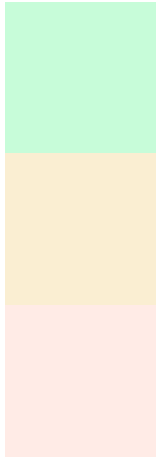
This preview shows how white text looks on a background with the YUV color 232.1630, -7.4754,

-29.0840.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

232.1630, -7.4754, -29.0840

Protanopia

238.3960, -13.9992, 10.1767

Deuteranopia

240.4100, -5.1321, 12.7954



Tritanopia

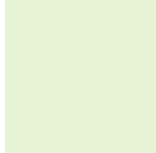
237.7900, 8.4845, -14.7248

Trichromacy



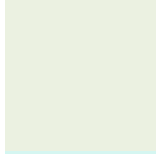
Original Color

232.1630, -7.4754, -29.0840



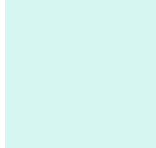
Protanomaly

235.9920, -11.3351, -4.3780



Deuteranomaly

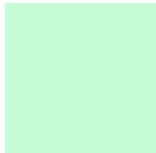
237.3820, -6.1043, -2.0890



Tritanomaly

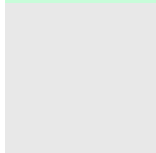
235.5630, 2.6804, -19.7878

Monochromacy



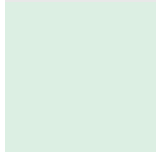
Original Color

232.1630, -7.4754, -29.0840



Achromatopsia

232.0000, 0.0000, 0.0000



Achromatomaly

231.9510, -2.4408, -10.4810

CSS Examples

Text

The CSS property to change the color of the text to YUV 232.1630, -7.4754, -29.0840 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(199, 252, 217)` looks like.

```
.text, #text, p{  
    color:rgb(199, 252, 217)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(199, 252, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 252, 217) }
```

Border

The CSS property to change the border of an element to YUV 232.1630, -7.4754, -29.0840 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(199, 252, 217) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(199, 252, 217) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(199, 252, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 252, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 252, 217);  
box-shadow:4px 4px 4px 4px rgb(199, 252,  
217) }
```

Background

The CSS property to change the background color of an element to YUV 232.1630, -7.4754, -29.0840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 252, 217) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(199,  
252, 217) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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