

Converting Colors

YUV(232.7710, -6.2961,
-34.0022)

Have a look what the booklet for
YUV(232.7710, -6.2961, -34.0022)
contains.

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Color

**YUV(232.7710, -6.2961,
-34.0022)**

Conversions

Conversions Part 1

Format	Color
Hex	C2FFDC
RGB	194, 255, 220
RGB Percent	76%, 100%, 86%
CMY	0.2392, 0.0000, 0.1373
CMYK	0.24, 0.00, 0.14, 0.00
HSL	146°, 100%, 88%
HSV	146°, 24%, 100%
XYZ	70.9264, 88.1566, 80.9879
YIQ	232.7710, -25.1210, -23.8170

Conversions

Conversions Part 2

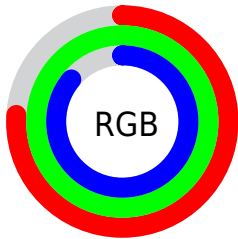
Format	Color
RYB	194, 237, 255
Decimal	12779484
CIELab	95.23, -25.91, 10.56
CIELCh	95, 27.979, 157.826
Yxy	88.1566, 0.2954, 0.3672
Android (android.graphics.Color)	4290969564 (0xFFC2FFDC)
YUV	232.7710, -6.2961, -34.0022
Hunter-Lab	93.8918, -29.4706, 14.5827

Details

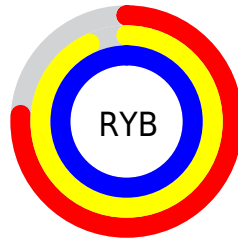
The YUV color $232.7710, -6.2961, -34.0022$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $216.2290, 6.2961, 34.0022$, and the grayscale version is $233.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.8040, 0.5896, -2.4591$, and $176.5970, -5.7173, -32.9726$ is the 20% darker color. If you saturate the color by 10%, you get $223.5860, -9.1629, -47.8719$, and if you desaturate by 10%, it is $241.9560, -3.4293, -20.1324$.

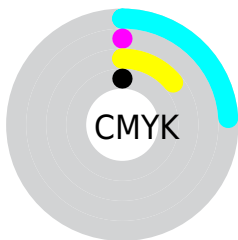
Distribution



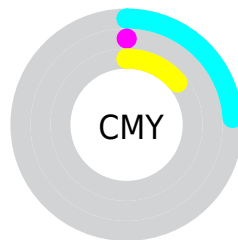
- Red (76%)
- Green (100%)
- Blue (86%)



- Red (76%)
- Yellow (93%)
- Blue (100%)



- Cyan (24%)
- Magenta (0%)
- Yellow (14%)
- Black (0%)



- Cyan (24%)
- Magenta (0%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the YUV color 232.7710, -6.2961, -34.0022 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 232.7710, -6.2961, -34.0022 by changing the saturation by 10% instead.

 232.7710, -6.2961,
-34.0022

 232.7710, -6.2961,
-34.0022

255.0000, 0.0000,
0.0000


 204.1840, -6.0067,
-33.4874


 253.8040, 0.5896,
-2.4591

 176.5970, -5.7173,
-32.9726

 150.0100, -5.4279,
-32.4578

 123.4230, -5.1385,
-31.9430

 97.9500, -4.4123,
-31.5281

 73.0640, -3.9756,
-31.6281

 47.4980, -2.2175,

-35.5167

■ 29.5100, -3.7024,
-25.8803

■ 15.8490, -7.8136,
-13.8996

■ 232.7710, -6.2961,
-34.0022

■ 232.7710, -6.2961,
-34.0022

■ 223.5860, -9.1629,
-47.8719

■ 241.9560, -3.4293,
-20.1324

■ 214.2160,
-11.4455, -62.4564

■ 251.3260, -1.1467,
-5.5479

■ 205.0310,
-14.3123, -76.3262

■ 255.0000, 0.0000,
0.0000

■ 195.5470,
-17.0317, -90.8107

■ 186.1770,
-19.3143, -105.3952

■ 176.9920,
-22.1811, -119.2650

■ 167.9210,
-24.6111, -133.2347

■ 162.1110,
-26.1837, -142.1713

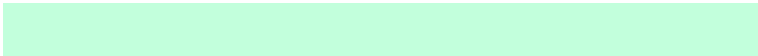
Harmonies

Analogous

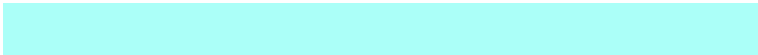
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



236.2980, -18.8809, -10.7853



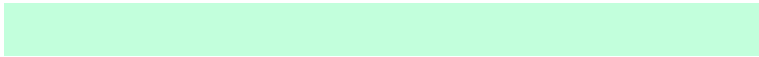
232.7710, -6.2961, -34.0022



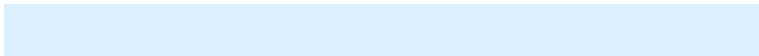
229.0860, 9.3246, -50.9414

Triad

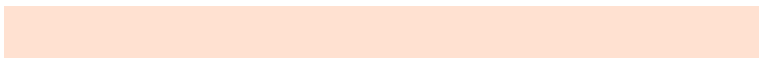
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



232.7710, -6.2961, -34.0022



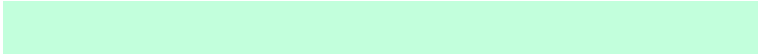
236.0180, 9.3581, -14.9248



232.1460, -11.4110, 20.0430

Complementary

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



232.7710, -6.2961, -34.0022



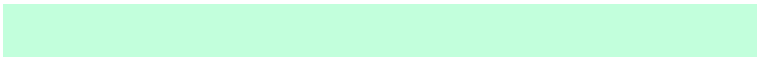
216.2290, 6.2961, 34.0022

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.



233.3490, 0.8139, 18.9879



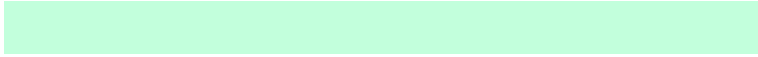
232.7710, -6.2961, -34.0022



241.4990, 6.6560, 11.8404

Square

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



232.7710, -6.2961, -34.0022



231.1350, 11.7654, -40.4604



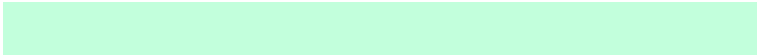
237.3900, 8.6817, 15.4440



234.9040, -21.1517, 17.6242

Rectangle

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



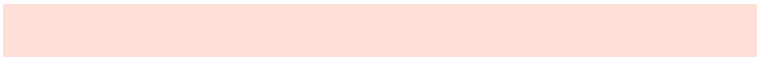
232.7710, -6.2961, -34.0022



228.0900, 13.2666, -55.3299



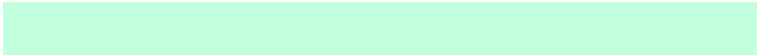
237.3900, 8.6817, 15.4440



232.4710, -7.6272, 19.7579

Sweetspot

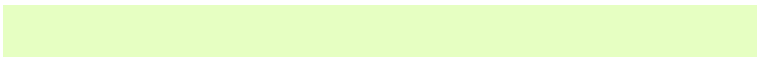
The Sweet Spot groups the original color and five complimentary colors.



232.7710, -6.2961, -34.0022



248.4780, -1.7147, -10.0662



240.5710, -22.9595, -9.2708



124.0270, -0.9993, -6.1627



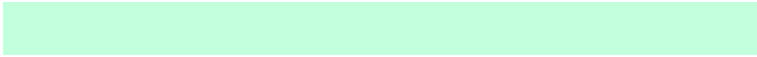
0.0000, 0.0000, 0.0000



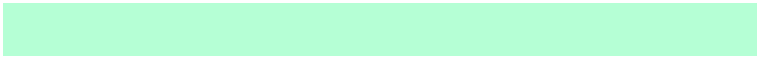
128.0000, 0.0000, 0.0000

Same Dimension

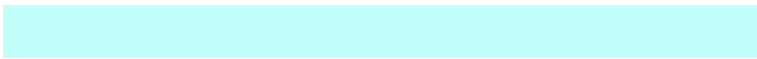
The Same Dimension uses a secret algorithm to generate beautiful new colors.



232.7710, -6.2961, -34.0022



228.0860, -7.4374, -41.2944



236.1910, 6.8078, -37.0015



123.2010, -1.5781, -7.1923



121.4650, -19.4562, -106.5248



40.6460, -6.7275, -35.6465

Inverse Universe

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



216.2290, 6.2961, 34.0022



207.9140, 7.4374, 41.2944



212.8090, -6.8078, 37.0015



119.6850, 1.1413, 7.2923



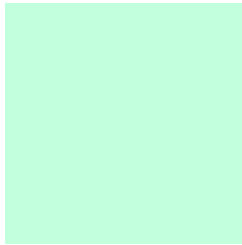
69.6490, 19.8930, 106.4248



23.3540, 6.7275, 35.6465

Previews

White Background



This preview shows how the YUV color 232.7710, -6.2961, -34.0022 looks on a white background.

Color Contrast Check

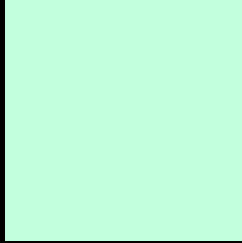
Large Text (above 18pt) WCAG AA × Fail

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 232.7710, -6.2961, -34.0022 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

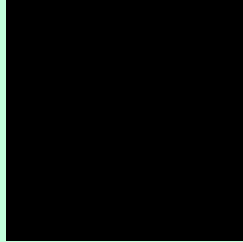
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

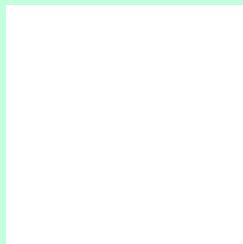
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 232.7710, -6.2961, -34.0022

Background



This preview shows how black text looks on a background with the YUV color 232.7710, -6.2961, -34.0022.



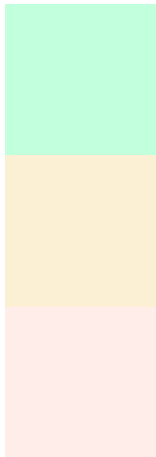
This preview shows how white text looks on a background with the YUV color 232.7710, -6.2961,

-34.0022.

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

232.7710, -6.2961, -34.0022

Protanopia

240.0970, -13.8518, 9.5619

Deuteranopia

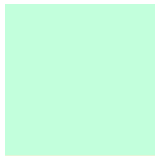
241.9260, -4.4005, 11.4659



Tritanopia

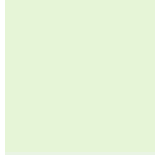
238.6760, 8.0477, -14.6249

Trichromacy



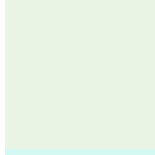
Original Color

232.7710, -6.2961, -34.0022



Protanomaly

237.0950, -10.8928, -6.2223



Deuteranomaly

238.8870, -5.3673, -5.1629



Tritanomaly

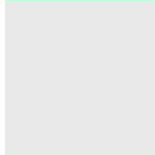
236.5520, 2.6859, -21.5321

Monochromacy



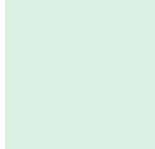
Original Color

232.7710, -6.2961, -34.0022



Achromatopsia

233.0000, 0.0000, 0.0000



Achromatomaly

232.9400, -2.4354, -12.2254

CSS Examples

Text

The CSS property to change the color of the text to YUV 232.7710, -6.2961, -34.0022 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(194, 255, 220)` looks like.

```
.text, #text, p{  
    color:rgb(194, 255, 220)  
}
```

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(194, 255, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 255, 220) }
```

Border

The CSS property to change the border of an element to YUV 232.7710, -6.2961, -34.0022 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(194, 255, 220) }
```


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

```
.border{ border-color:rgb(194, 255, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 255, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 255, 220); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 255, 220); box-shadow:4px 4px 4px 4px rgb(194, 255, 220) }
```

Background

The CSS property to change the background color of an element to YUV 232.7710, -6.2961, -34.0022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 255, 220) }
```

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

```
.background{ background-color: rgb(194,  
255, 220) }
```

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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