

Converting Colors

YUV(224.1690, -23.2543,
-8.0412)

Have a look what the booklet for
YUV(224.1690, -23.2543, -8.0412)
contains.

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Color

**YUV(224.1690, -23.2543,
-8.0412)**

Conversions

Conversions Part 1

Format	Color
Hex	D7EEB1
RGB	215, 238, 177
RGB Percent	84%, 93%, 69%
CMY	0.1569, 0.0667, 0.3059
CMYK	0.10, 0.00, 0.26, 0.07
HSL	83°, 64%, 81%
HSV	83°, 26%, 93%
XYZ	66.5347, 78.7705, 53.2924
YIQ	224.1690, 5.8730, -23.8470

Conversions

Conversions Part 2

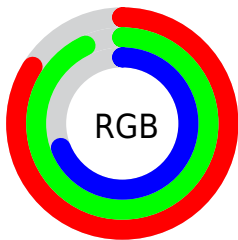
Format	Color
RYB	177, 238, 200
Decimal	14151345
CIELab	91.13, -17.81, 27.09
CIELCh	91, 32.423, 123.324
Yxy	78.7705, 0.3350, 0.3966
Android (android.graphics.Color)	4292341425 (0xFFD7EEB1)
YUV	224.1690, -23.2543, -8.0412
Hunter-Lab	88.7527, -21.5023, 26.5257

Details

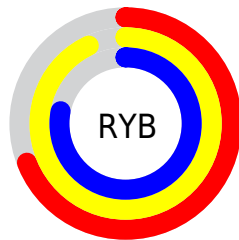
The YUV color $224.1690, -23.2543, -8.0412$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $190.8310, 23.2543, 8.0412$, and the grayscale version is $224.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.4920, -9.6096, 2.1995$, and $168.8100, -22.0913, -7.7264$ is the 20% darker color. If you saturate the color by 10%, you get $218.7420, -32.4108, -11.1747$, and if you desaturate by 10%, it is $229.5960, -14.0978, -4.9077$.

Distribution



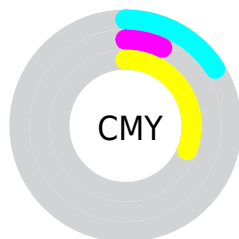
- Red (84%)
- Green (93%)
- Blue (69%)



- Red (69%)
- Yellow (93%)
- Blue (78%)



- Cyan (10%)
- Magenta (0%)
- Yellow (26%)
- Black (7%)



- Cyan (16%)
- Magenta (7%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 224.1690, -23.2543, -8.0412 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 224.1690, -23.2543, -8.0412 by changing the saturation by 10% instead.

■ 224.1690,
-23.2543, -8.0412

■ 224.1690,
-23.2543, -8.0412

255.0000, 0.0000,
0.0000

■ 196.2830,
-22.8175, -8.1412

■ 252.4920, -9.6096,
2.1995

■ 168.8100,
-22.0913, -7.7264

■ 142.0380,
-21.2177, -7.9263

■ 116.1520,
-20.7809, -8.0263

■ 91.3800, -19.9073,
-8.2263

■ 67.4940, -19.4705,
-8.3262

■ 44.7930, -19.6179,

-7.7115

■ 24.4320, -12.0450,
-10.0259

■ 4.6960, -2.3151,
-4.1184

■ 224.1690,
-23.2543, -8.0412

■ 224.1690,
-23.2543, -8.0412

■ 218.7420,
-32.4108, -11.1747

■ 229.5960,
-14.0978, -4.9077

■ 213.3150,
-41.5673, -14.3083

■ 235.0230, -4.9413,
-1.7742

■ 208.0020,
-50.2870, -17.5418

■ 240.3360, 3.7784,
1.4593

■ 202.5750,
-59.4435, -20.6753

■ 243.8250, 5.5093,
6.2925

■ 197.1480,
-68.6000, -23.8088

■ 245.0210, 4.9196,
8.7516

■ 191.7210,
-77.7565, -26.9423

■ 186.2940,
-86.9129, -30.0758

■ 183.9580,
-90.6913, -31.5352

Harmonies

Analogous

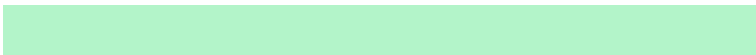
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



228.0260, -29.5928, 18.3942



224.1690, -23.2543, -8.0412



219.6630, -9.2009, -35.6615

Triad

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



224.1690, -23.2543, -8.0412



216.5940, 18.9342, -53.1409



223.6320, 1.6604, 27.5097

Complementary

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



224.1690, -23.2543, -8.0412



190.8310, 23.2543, 8.0412

Split Complementary

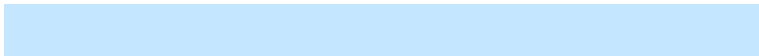
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



229.1720, 12.7332, 22.6512



224.1690, -23.2543, -8.0412



223.2710, 15.6424, -23.9167

Square

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



224.1690, -23.2543, -8.0412



214.4350, 19.9985, -67.9105



229.6710, 12.4872, 8.1815



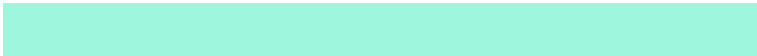
221.9730, -12.3117, 28.9647

Rectangle

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



224.1690, -23.2543, -8.0412



217.4250, 1.7625, -52.1157



229.6710, 12.4872, 8.1815



225.4730, 6.1758, 25.8952

Sweetspot

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



224.1690, -23.2543, -8.0412



250.3280, -7.5567, -2.9187



208.1530, -15.3584, 26.1758



125.0230, -4.9413, -1.7742



0.0000, 0.0000, 0.0000



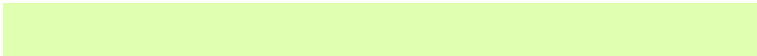
128.0000, 0.0000, 0.0000

Same Dimension

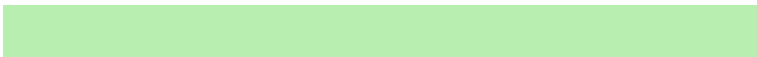
The Same Dimension uses a secret algorithm to generate beautiful new colors.



224.1690, -23.2543, -8.0412



237.0240, -30.0848, -10.5450



215.1990, -18.8321, -26.4845



117.1370, -4.5045, -1.8741



142.0940, -70.0523, -24.6384



43.3370, -21.3651, -7.3115

Inverse Universe

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



190.8310, 23.2543, 8.0412



193.9760, 30.0848, 10.5450



199.8010, 18.8321, 26.4845



110.5640, 4.6519, 1.2594



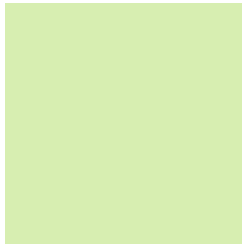
41.6070, 70.1997, 24.0237



12.6630, 21.3651, 7.3115

Previews

White Background



This preview shows how the YUV color 224.1690, -23.2543, -8.0412 looks on a white background.

Color Contrast Check

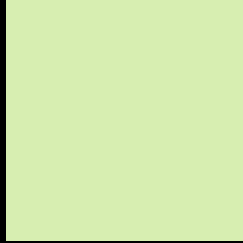
Large Text (above 18pt) WCAG AA × Fail

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 224.1690, -23.2543, -8.0412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

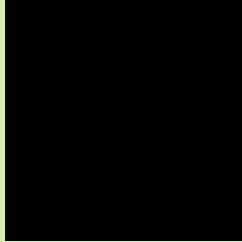
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

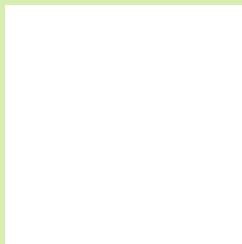
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 224.1690, -23.2543, -8.0412

Background



This preview shows how black text looks on a background with the YUV color 224.1690, -23.2543, -8.0412.



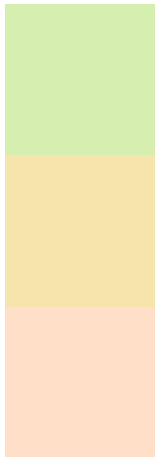
This preview shows how white text looks on a background with the YUV color 224.1690, -23.2543, -8.0412.

-8.0412.

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

224.1690, -23.2543, -8.0412

Protanopia

227.4000, -26.8192, 15.4352

Deuteranopia

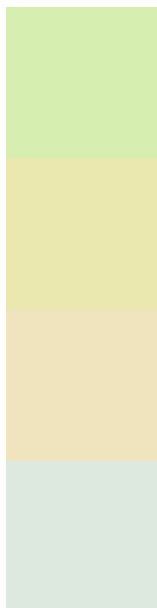
229.8320, -15.2002, 22.0723



Tritanopia

229.8560, 8.4520, -4.2587

Trichromacy



Original Color

224.1690, -23.2543, -8.0412

Protanomaly

225.9860, -25.6291, 7.0283

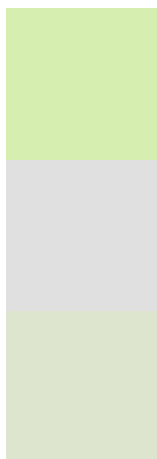
Deuteranomaly

227.3700, -17.9304, 11.0765

Tritanomaly

227.5710, -2.7465, -5.7628

Monochromacy



Original Color

224.1690, -23.2543, -8.0412

Achromatopsia

224.0000, 0.0000, 0.0000

Achromatomaly

224.1000, -8.4303, -2.7187

CSS Examples

Text

The CSS property to change the color of the text to YUV 224.1690, -23.2543, -8.0412 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(215, 238, 177)` looks like.

```
.text, #text, p{  
    color:rgb(215, 238, 177)  
}
```

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(215, 238, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 238, 177) }
```

Border

The CSS property to change the border of an element to YUV 224.1690, -23.2543, -8.0412 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(215, 238, 177) }
```


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

```
.border{ border-color:rgb(215, 238, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 238, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 238, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 238, 177);  
box-shadow:4px 4px 4px 4px rgb(215, 238,  
177) }
```

Background

The CSS property to change the background color of an element to YUV 224.1690, -23.2543, -8.0412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 238, 177) }
```

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

```
.background{ background-color: rgb(215,  
238, 177) }
```

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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