

Converting Colors

YUV(213.6930, -31.4006,
-8.5008)

Have a look what the booklet for
YUV(213.6930, -31.4006, -8.5008)
contains.

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Color

**YUV(213.6930, -31.4006,
-8.5008)**

Conversions

Conversions Part 1

Format	Color
Hex	CCE796
RGB	204, 231, 150
RGB Percent	80%, 91%, 59%
CMY	0.2000, 0.0941, 0.4118
CMYK	0.12, 0.00, 0.35, 0.09
HSL	80°, 63%, 75%
HSV	80°, 35%, 91%
XYZ	58.9828, 72.1912, 39.6797
YIQ	213.6930, 9.9090, -30.9150

Conversions

Conversions Part 2

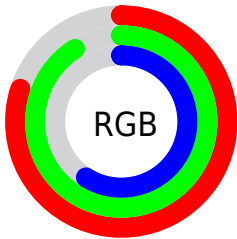
Format	Color
RYB	150, 231, 177
Decimal	13428630
CIELab	88.06, -22.06, 36.56
CIELCh	88, 42.697, 121.104
Yxy	72.1912, 0.3452, 0.4225
Android (android.graphics.Color)	4291618710 (0xFFCCE796)
YUV	213.6930, -31.4006, -8.5008
Hunter-Lab	84.9654, -24.7752, 31.7867

Details

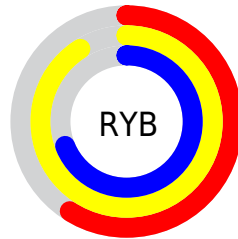
The YUV color **213.6930, -31.4006, -8.5008** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **167.3070, 31.4006, 8.5008**, and the grayscale version is **214.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **249.3000, -21.8399, 4.9989**, and **158.4480, -29.8009, -8.2859** is the 20% darker color. If you saturate the color by 10%, you get **208.6790, -40.2677, -11.1195**, and if you desaturate by 10%, it is **218.7070, -22.5336, -5.8820**.

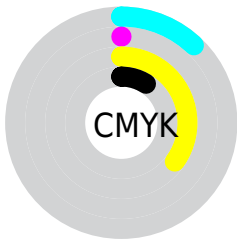
Distribution



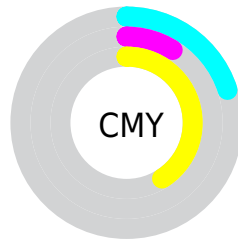
- Red (80%)
- Green (91%)
- Blue (59%)



- Red (59%)
- Yellow (91%)
- Blue (69%)



- Cyan (12%)
- Magenta (0%)
- Yellow (35%)
- Black (9%)



- Cyan (20%)
- Magenta (9%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.6930, -31.4006, -8.5008 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 213.6930, -31.4006, -8.5008 by changing the saturation by 10% instead.

■ 213.6930,
-31.4006, -8.5008

■ 213.6930,
-31.4006, -8.5008

255.0000, 0.0000,
0.0000

■ 185.9210,
-30.5271, -8.7007

■ 249.3000,
-21.8399, 4.9989

■ 158.4480,
-29.8009, -8.2859

■ 252.4920, -9.6096,
2.1995

■ 132.2630,
-29.2167, -9.0007


■ 106.4910,
-28.3431, -9.2006


■ 81.6050, -27.9063,
-9.3006


■ 57.4910, -28.3431,
-9.2006


■ 37.1130, -18.2967,


-11.5001


 18.1970, -8.9711,
-15.9588


 0.0000, 0.0000,
0.0000


 213.6930,
-31.4006, -8.5008


 213.6930,
-31.4006, -8.5008


 208.6790,
-40.2677, -11.1195


 218.7070,
-22.5336, -5.8820

 203.9640,
-49.2823, -13.1234

 223.4220,
-13.5190, -3.8781

 198.9500,
-58.1493, -15.7421

 228.4360, -4.6519,
-1.2594

 193.9360,
-67.0164, -18.3609

 233.4500, 4.2152,
1.3594

■ 189.2210,
-76.0310, -20.3648

■ 237.3240, 8.7143,
4.9779

■ 184.0930,
-85.3348, -22.8836

■ 239.4170, 7.6824,
9.2813

■ 181.6430,
-89.5500, -24.2429

■ 240.9120, 6.9454,
12.3552

Harmonies

Analogous

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



218.2520, -39.0712, 25.2120



213.6930, -31.4006, -8.5008



207.4570, -13.5363, -45.1278

Triad

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



213.6930, -31.4006, -8.5008



197.2140, 28.4885, -84.3797



212.9690, 3.9593, 36.8612

Complementary

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



213.6930, -31.4006, -8.5008



167.3070, 31.4006, 8.5008

Split Complementary

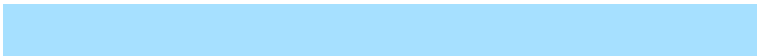
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



220.3670, 17.0741, 30.3731



213.6930, -31.4006, -8.5008



210.1920, 22.0903, -38.7564

Square

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



213.6930, -31.4006, -8.5008



191.4560, 31.3272, -108.2709



220.5120, 17.0026, 6.5670



210.1700, -14.3808, 39.3159

Rectangle

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



213.6930, -31.4006, -8.5008



202.1300, 2.4009, -70.2740



220.5120, 17.0026, 6.5670



215.1520, 9.7851, 34.9467

Sweetspot

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



213.6930, -31.4006, -8.5008



249.1170, -10.9037, -2.7336



190.0680, -19.7535, 35.8974



124.2680, -6.5411, -1.9890



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.



213.6930, -31.4006, -8.5008



232.0380, -41.4307, -11.4343



201.4340, -25.3570, -33.7066



112.4360, -4.6519, -1.2594



140.6540, -69.3424, -18.9906



40.1030, -19.7708, -5.3523

Inverse Universe

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



167.3070, 31.4006, 8.5008



170.9620, 41.4307, 11.4343



179.5660, 25.3570, 33.7066



105.5640, 4.6519, 1.2594



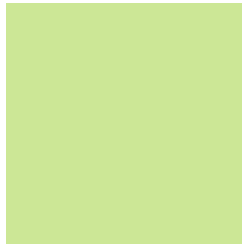
38.0470, 69.4898, 18.3758



10.8970, 19.7708, 5.3523

Previews

White Background



This preview shows how the YUV color 213.6930, -31.4006, -8.5008 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 213.6930, -31.4006, -8.5008 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

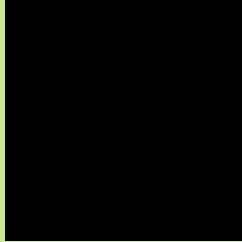
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

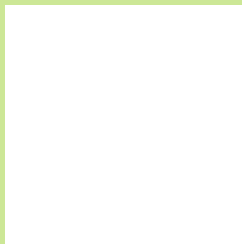
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 213.6930, -31.4006, -8.5008

Background



This preview shows how black text looks on a background with the YUV color 213.6930, -31.4006, -8.5008.



This preview shows how white text looks on a background with the YUV color 213.6930, -31.4006, -8.5008.

-8.5008.

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

213.6930, -31.4006, -8.5008

Protanopia

217.2450, -35.1238, 19.0791

Deuteranopia

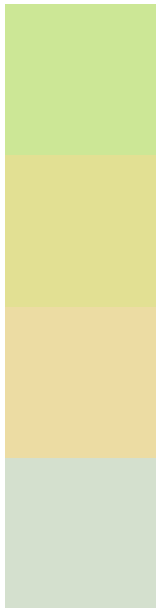
220.6560, -24.9734, 30.1197



Tritanopia

220.8560, 8.4520, -4.2587

Trichromacy



Original Color

213.6930, -31.4006, -8.5008

Protanomaly

215.8200, -33.9283, 8.9279

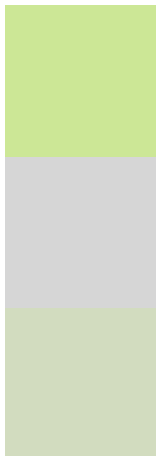
Deuteranomaly

218.2860, -27.2560, 15.5352

Tritanomaly

218.3600, -6.0935, -5.5777

Monochromacy



Original Color

213.6930, -31.4006, -8.5008

Achromatopsia

214.0000, 0.0000, 0.0000

Achromatomaly

213.7040, -11.1931, -3.2484

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.6930, -31.4006, -8.5008 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(204, 231, 150)` looks like.

```
.text, #text, p{  
    color:rgb(204, 231, 150)  
}
```

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(204, 231, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 231, 150) }
```

Border

The CSS property to change the border of an element to YUV 213.6930, -31.4006, -8.5008 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(204, 231, 150) }
```


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

```
.border{ border-color:rgb(204, 231, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 231, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 231, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 231, 150);  
box-shadow:4px 4px 4px 4px rgb(204, 231,  
150) }
```

Background

The CSS property to change the background color of an element to YUV 213.6930, -31.4006, -8.5008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 231, 150) }
```

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

```
.background{ background-color: rgb(204,  
231, 150) }
```

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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