

Converting Colors

YUV(196.5220, -88.9973,
31.9912)

Have a look what the booklet for
YUV(196.5220, -88.9973, 31.9912)
contains.

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Color

**YUV(196.5220, -88.9973,
31.9912)**

Conversions

Conversions Part 1

Format	Color
Hex	E9D510
RGB	233, 213, 16
RGB Percent	91%, 84%, 6%
CMY	0.0863, 0.1647, 0.9373
CMYK	0.00, 0.09, 0.93, 0.09
HSL	54°, 87%, 49%
HSV	54°, 93%, 91%
XYZ	57.4920, 64.9495, 9.9966
YIQ	196.5220, 75.1570, -57.0270

Conversions

Conversions Part 2

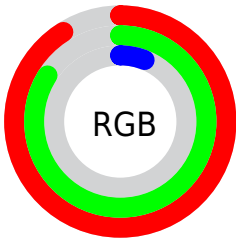
Format	Color
R _Y B	38, 233, 16
Decimal	15324432
CIE Lab	84.46, -10.15, 82.98
CIE LCh	84, 83.597, 96.974
Yxy	64.9495, 0.4341, 0.4904
Android (android.graphics.Color)	4293514512 (0xFFE9D510)
YUV	196.5220, -88.9973, 31.9912
Hunter-Lab	80.5913, -13.6968, 49.0595

Details

The YUV color **196.5220, -88.9973, 31.9912** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **52.4780, 88.9973, -31.9912**, and the grayscale version is **197.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.4180, -71.1981, 16.2964**, and **145.0600, -71.5146, 24.5034** is the 20% darker color. If you saturate the color by 10%, you get **194.1110, -95.6967, 34.1057**, and if you desaturate by 10%, it is **200.3180, -79.5298, 28.6621**.

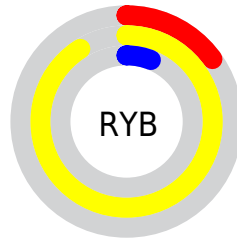
Distribution



Red (91%)

Green (84%)

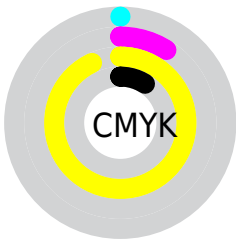
Blue (6%)



Red (15%)

Yellow (91%)

Blue (6%)

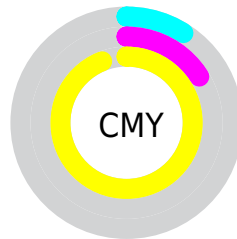


Cyan (0%)

Magenta (9%)

Yellow (93%)

Black (9%)



Cyan (9%)

Magenta (16%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.5220, -88.9973, 31.9912 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 196.5220, -88.9973, 31.9912 by changing the saturation by 10% instead.

■ 196.5220,
-88.9973, 31.9912

■ 196.5220,
-88.9973, 31.9912

■ 255.0000, 0.0000,
0.0000

■ 169.8790,
-83.7503, 29.0471

■ 236.4180,
-71.1981, 16.2964

■ 145.0600,
-71.5146, 24.5034

■ 239.7240,
-58.5309, 13.3971

■ 120.8280,
-59.5682, 19.4448

■ 243.1440,
-45.4270, 10.3977

■ 97.4820, -48.0586,
14.4863

■ 246.4500,
-32.7599, 7.4983

■ 75.0220, -36.9858,
9.6277

■ 249.7560,
-20.0927, 4.5990

■ 53.4480, -26.3499,
4.8691

■ 253.1760, -6.9888,

■ 33.6460, -16.5875,

1.5996

0.3105

■ 11.7400, -5.7878,
-10.2960

■ 0.0000, 0.0000,
0.0000

■ 196.5220,
-88.9973, 31.9912

■ 196.5220,
-88.9973, 31.9912

■ 194.1110,
-95.6967, 34.1057

■ 200.3180,
-79.5298, 28.6621

■ 204.2280,
-69.6254, 25.2330

■ 208.0240,
-60.1578, 21.9040

■ 212.4070,
-50.9797, 18.0601

■ 216.3170,
-41.0753, 14.6310

■ 220.1130,
-31.6077, 11.3019

■ 223.9090,
-22.1401, 7.9728

■ 227.7050,
-12.6726, 4.6437

■ 231.6150, -2.7682,
1.2146

Harmonies

Analogous

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



190.5230, -66.8128, 56.5463



196.5220, -88.9973, 31.9912



189.5300, -57.9423, -35.5448

Triad

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



196.5220, -88.9973, 31.9912



173.4720, 40.1933, -152.1349



191.6040, 31.2542, 55.5983

Complementary

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



196.5220, -88.9973, 31.9912



52.4780, 88.9973, -31.9912

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.



206.1800, 24.0683, 27.0291



196.5220, -88.9973, 31.9912



167.0150, 43.3766, -146.4722

Square

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



196.5220, -88.9973, 31.9912



171.5680, 27.8210, -150.4651



159.4720, 47.0953, -125.8249



176.0730, 9.8240, 69.2190

Rectangle

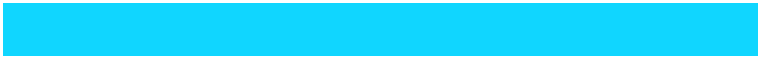
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



196.5220, -88.9973, 31.9912



171.5920, -25.4349, -102.2512



159.4720, 47.0953, -125.8249



197.4740, 28.3603, 50.4503

Sweetspot

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



196.5220, -88.9973, 31.9912



242.7970, -28.9869, 10.7020



83.3910, -22.3778, 131.2071



120.6360, -18.0615, 6.4582



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.



196.5220, -88.9973, 31.9912



211.8420, -104.4381, 37.8496



182.2490, -81.9608, -31.7904



115.1590, -4.5154, 1.6146



150.3870, -74.1408, 26.8476



44.9090, -22.1401, 7.9728

Inverse Universe

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



52.4780, 88.9973, -31.9912



43.1580, 104.4381, -37.8496



66.7510, 81.9608, 31.7904



107.8410, 4.5154, -1.6146



30.6130, 74.1408, -26.8476



9.0910, 22.1401, -7.9728

Previews

White Background



This preview shows how the YUV color 196.5220, -88.9973, 31.9912 looks on a white background.

Color Contrast Check

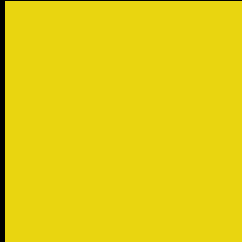
Large Text (above 18pt) WCAG AA × Fail

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 196.5220, -88.9973, 31.9912 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 196.5220, -88.9973, 31.9912 Background



This preview shows how black text looks on a background with the YUV color 196.5220, -88.9973, 31.9912.

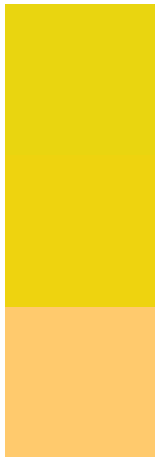


This preview shows how white text looks on a background with the YUV color 196.5220, -88.9973,

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

196.5220, -88.9973, 31.9912

Protanopia

196.7290, -89.5924, 36.1947

Deuteranopia

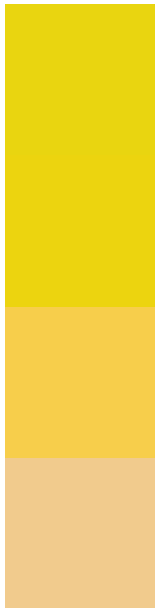
207.2450, -48.4348, 41.8811



Tritanopia

214.0620, -0.5236, 28.0096

Trichromacy



Original Color

196.5220, -88.9973, 31.9912

Protanomaly

196.7180, -89.5870, 34.4503

Deuteranomaly

203.3250, -63.2642, 38.3030

Tritanomaly

207.2940, -32.6829, 29.5602

Monochromacy



Original Color

196.5220, -88.9973, 31.9912

Achromatopsia

197.0000, 0.0000, 0.0000

Achromatomaly

196.8850, -32.4813, 11.5019

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.5220, -88.9973, 31.9912 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(233, 213, 16)` looks like.

```
.text, #text, p{  
    color:rgb(233, 213, 16)  
}
```

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(233, 213, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 213, 16) }
```

Border

The CSS property to change the border of an element to YUV 196.5220, -88.9973, 31.9912 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(233, 213, 16) }
```


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

```
.border{ border-color:rgb(233, 213, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 213, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 213, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 213, 16);  
box-shadow:4px 4px 4px 4px rgb(233, 213,  
16) }
```

Background

The CSS property to change the background color of an element to YUV 196.5220, -88.9973, 31.9912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 213, 16) }
```

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

```
.background{ background-color: rgb(233,  
213, 16) }
```

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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