

Converting Colors

YUV(198.4150, -96.8326,
25.0690)

Have a look what the booklet for
YUV(198.4150, -96.8326, 25.0690)
contains.

YUV(198.4150, -96.8326, 25.0690)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**YUV(198.4150, -96.8326,
25.0690)**

Conversions

Conversions Part 1

Format	Color
Hex	E3DE02
RGB	227, 222, 2
RGB Percent	89%, 87%, 1%
CMY	0.1098, 0.1294, 0.9922
CMYK	0.00, 0.02, 0.99, 0.11
HSL	59°, 98%, 45%
HSV	59°, 99%, 89%
XYZ	57.8108, 68.5778, 10.2473
YIQ	198.4150, 73.6000, -67.3600

Conversions

Conversions Part 2

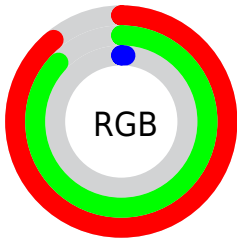
Format	Color
R _Y B	7, 227, 2
Decimal	14933506
CIE Lab	86.29, -17.29, 85.40
CIE LCh	86, 87.129, 101.445
Yxy	68.5778, 0.4231, 0.5019
Android (android.graphics.Color)	4293123586 (0xFFE3DE02)
YUV	198.4150, -96.8326, 25.0690
Hunter-Lab	82.8117, -20.3099, 50.6315

Details

The YUV color **198.4150, -96.8326, 25.0690** 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 **30.5850, 96.8326, -25.0690**, and the grayscale version is **199.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.1900, -72.0717, 16.4964**, and **147.9620, -72.9453, 16.6963** is the 20% darker color. If you saturate the color by 10%, you get **198.1870, -97.7062, 25.2690**, and if you desaturate by 10%, it is **201.6240, -87.0756, 22.2548**.

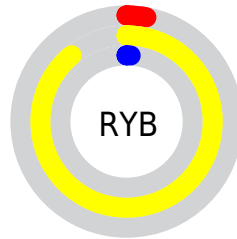
Distribution



Red (89%)

Green (87%)

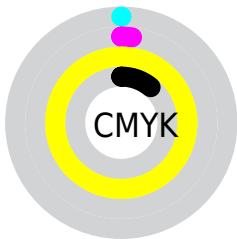
Blue (1%)



Red (3%)

Yellow (89%)

Blue (1%)

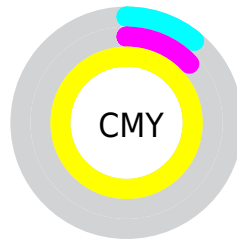


Cyan (0%)

Magenta (2%)

Yellow (99%)

Black (11%)



Cyan (11%)

Magenta (13%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.4150, -96.8326, 25.0690 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 198.4150, -96.8326, 25.0690 by changing the saturation by 10% instead.

198.4150,
-96.8326, 25.0690

198.4150,
-96.8326, 25.0690

255.0000, 0.0000,
0.0000

172.7810,
-85.1810, 21.2401

236.1900,
-72.0717, 16.4964

147.9620,
-72.9453, 16.6963

239.6100,
-58.9677, 13.4970

123.7300,
-60.9989, 11.6378

242.9160,
-46.3006, 10.5977

100.6830,
-49.6367, 7.2940

246.3360,
-33.1966, 7.5983

77.6360, -38.2745,
2.9502

249.6420,
-20.5295, 4.6990

55.7630, -27.4912,
-2.4232

253.0620, -7.4256,

35.3740, -17.4394,

1.6996

-6.4670

■ 15.8490, -7.8136,
-13.8996

■ 0.0000, 0.0000,
0.0000

■ 198.4150,
-96.8326, 25.0690

■ 198.4150,
-96.8326, 25.0690

■ 198.1870,
-97.7062, 25.2690

■ 201.6240,
-87.0756, 22.2548

■ 204.1320,
-77.4661, 20.0552

■ 207.3410,
-67.7091, 17.2409

■ 209.9630,
-57.6628, 14.9414

■ 213.0580,
-48.3426, 12.2271

■ 215.6800,
-38.2962, 9.9276

■ 218.8890,
-28.5393, 7.1133

■ 221.5110,
-18.4929, 4.8139

■ 224.6060, -9.1728,
2.0995

Harmonies

Analogous

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



194.2100, -75.5325, 53.3128



198.4150, -96.8326, 25.0690



190.6530, -54.5519, -49.6847

Triad

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



198.4150, -96.8326, 25.0690



176.4070, 38.7463, -154.7089



189.8430, 32.1224, 57.1427

Complementary

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



198.4150, -96.8326, 25.0690



30.5850, 96.8326, -25.0690

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.



210.3880, 21.9937, 39.1247



198.4150, -96.8326, 25.0690



169.3630, 42.2190, -148.5314

Square

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



198.4150, -96.8326, 25.0690



177.7290, 33.6576, -155.8683



181.8860, 36.0452, -81.4610



175.7480, 6.0402, 69.5040

Rectangle

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



198.4150, -96.8326, 25.0690



161.2110, -14.4010, -141.3820



181.8860, 36.0452, -81.4610



195.7130, 29.2285, 51.9947

Sweetspot

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



198.4150, -96.8326, 25.0690



245.1620, -32.6179, 8.6279



70.0730, -30.1090, 137.6250



121.5820, -19.5139, 5.6286



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.



198.4150, -96.8326, 25.0690



222.4080, -109.6471, 28.5832



169.9550, -82.8018, -42.0565



113.0450, -4.9522, 1.7145



156.2460, -77.0293, 19.9553



44.5990, -21.9873, 5.6137

Inverse Universe

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



30.5850, 96.8326, -25.0690



32.5920, 109.6471, -28.5832



59.0450, 82.8018, 42.0565



104.9550, 4.9522, -1.7145



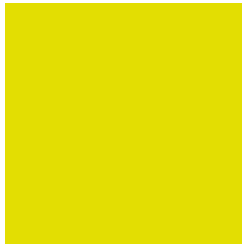
22.7540, 77.0293, -19.9553



6.4010, 21.9873, -5.6137

Previews

White Background



This preview shows how the YUV color 198.4150, -96.8326, 25.0690 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 198.4150, -96.8326, 25.0690 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 198.4150, -96.8326, 25.0690

Background



This preview shows how black text looks on a background with the YUV color 198.4150, -96.8326, 25.0690.



This preview shows how white text looks on a background with the YUV color 198.4150, -96.8326, 25.0690.

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

198.4150, -96.8326, 25.0690

Deuteranopia

213.5030, -39.6880, 36.3929

Tritanopia

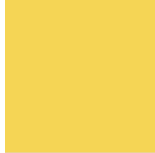
218.2890, 1.8295, 19.9175

Trichromacy



Original Color

198.4150, -96.8326, 25.0690



Deuteranomaly

207.9760, -60.6272, 32.4700



Tritanomaly

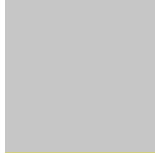
211.1960, -34.1136, 21.7531

Monochromacy



Original Color

198.4150, -96.8326, 25.0690



Achromatopsia

198.0000, 0.0000, 0.0000



Achromatomaly

198.4780, -35.2387, 9.2278

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.4150, -96.8326, 25.0690 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(227, 222, 2)` looks like.

```
.text, #text, p{  
    color:rgb(227, 222, 2)  
}
```

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(227, 222, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 222, 2) }
```

Border

The CSS property to change the border of an element to YUV 198.4150, -96.8326, 25.0690 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(227, 222, 2) }
```

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

```
.border{ border-color:rgb(227, 222, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 222, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 222, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 222, 2);  
box-shadow:4px 4px 4px 4px rgb(227, 222,  
2) }
```


Background

The CSS property to change the background color of an element to YUV 198.4150, -96.8326, 25.0690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 222, 2) }
```

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

```
.background{ background-color: rgb(227,  
222, 2) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor