

Converting Colors

YUV(195.0110, -87.2664,
36.8244)

Have a look what the booklet for
YUV(195.0110, -87.2664, 36.8244)
contains.

YUV(195.0110, -87.2664, 36.8244)	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>	31

Color

**YUV(195.0110, -87.2664,
36.8244)**

Conversions

Conversions Part 1

Format	Color
Hex	EDD012
RGB	237, 208, 18
RGB Percent	93%, 82%, 7%
CMY	0.0706, 0.1843, 0.9294
CMYK	0.00, 0.12, 0.92, 0.07
HSL	52°, 86%, 50%
HSV	52°, 92%, 93%
XYZ	57.5901, 63.1599, 9.7280
YIQ	195.0110, 78.2740, -52.9420

Conversions

Conversions Part 2

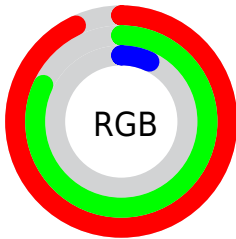
Format	Color
RYB	51, 237, 18
Decimal	15585298
CIELab	83.53, -5.90, 82.19
CIElCh	84, 82.399, 94.104
Yxy	63.1599, 0.4414, 0.4841
Android (android.graphics.Color)	4293775378 (0xFFEDD012)
YUV	195.0110, -87.2664, 36.8244
Hunter-Lab	79.4732, -9.7285, 48.3738

Details

The YUV color **195.0110, -87.2664, 36.8244** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light washed yellow. A complement of this color would be **59.9890, 87.2664, -36.8244**, and the grayscale version is **196.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.4180, -71.1981, 16.2964**, and **143.0220, -70.5098, 28.9217** is the 20% darker color. If you saturate the color by 10%, you get **191.7850, -94.5500, 39.6536**, and if you desaturate by 10%, it is **199.5080, -77.6514, 32.8805**.

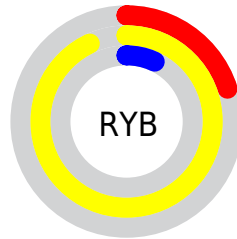
Distribution



Red (93%)

Green (82%)

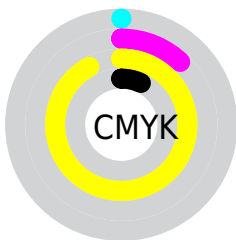
Blue (7%)



Red (20%)

Yellow (93%)

Blue (7%)

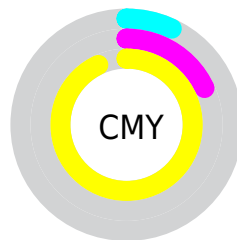


Cyan (0%)

Magenta (12%)

Yellow (92%)

Black (7%)



Cyan (7%)

Magenta (18%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 195.0110, -87.2664, 36.8244 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 195.0110, -87.2664, 36.8244 by changing the saturation by 10% instead.

195.0110,
-87.2664, 36.8244

195.0110,
-87.2664, 36.8244

255.0000, 0.0000,
0.0000

167.8410,
-82.7456, 33.4654

236.4180,
-71.1981, 16.2964

143.0220,
-70.5098, 28.9217

239.7240,
-58.5309, 13.3971

119.0890,
-58.7109, 24.4779

243.0300,
-45.8638, 10.4977

96.3300, -47.4907,
19.0046

246.3360,
-33.1966, 7.5983

73.5710, -36.2705,
13.5312

249.7560,
-20.0927, 4.5990

51.9970, -25.6345,
8.7726

253.0620, -7.4256,

32.1950, -15.8721,

1.6996

4.2140

■ 10.5880, -5.2199,
-5.7777

■ 0.0000, 0.0000,
0.0000

■ 195.0110,
-87.2664, 36.8244

■ 195.0110,
-87.2664, 36.8244

■ 191.7850,
-94.5500, 39.6536

■ 199.5080,
-77.6514, 32.8805

■ 203.8910,
-68.4733, 29.0366

■ 208.3880,
-58.8583, 25.0927

■ 213.4720,
-49.5327, 20.6341

■ 217.8550,
-40.3545, 16.7902

■ 222.3520,
-30.7395, 12.8463

■ 226.8490,
-21.1246, 8.9024

■ 231.3460,
-11.5096, 4.9586

■ 235.7290, -2.3314,
1.1147

Harmonies

Analogous

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



188.2720, -62.7451, 58.5205



195.0110, -87.2664, 36.8244



188.3030, -60.2954, -27.4527

Triad

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



195.0110, -87.2664, 36.8244



171.7110, 41.0615, -150.5905



192.1910, 30.9648, 55.0835

Complementary

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



195.0110, -87.2664, 36.8244



59.9890, 87.2664, -36.8244

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.



203.1680, 25.5532, 17.3927



195.0110, -87.2664, 36.8244



166.4280, 43.6660, -145.9574

Square

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



195.0110, -87.2664, 36.8244



168.5530, 23.8844, -147.8210



154.6880, 49.4538, -135.6614



176.0560, 12.2974, 69.2339

Rectangle

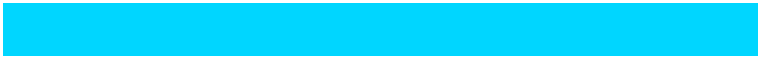
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



195.0110, -87.2664, 36.8244



174.6110, -30.8672, -86.4818



154.6880, 49.4538, -135.6614



198.6480, 27.7815, 49.4207

Sweetspot

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



195.0110, -87.2664, 36.8244



241.6230, -28.4081, 11.7316



86.7870, -19.6150, 131.7368



119.4620, -17.4828, 7.4878



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.



195.0110, -87.2664, 36.8244



205.9720, -101.5442, 42.9976



188.1140, -83.8662, -27.2870



115.1590, -4.5154, 1.6146



146.2780, -72.1151, 30.4512



43.1480, -21.2720, 9.5172

Inverse Universe

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



59.9890, 87.2664, -36.8244



49.0280, 101.5442, -42.9976



66.8860, 83.8662, 27.2870



107.8410, 4.5154, -1.6146



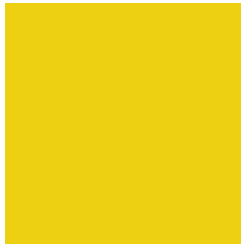
34.7220, 72.1151, -30.4512



10.2650, 21.5614, -9.0024

Previews

White Background



This preview shows how the YUV color 195.0110, -87.2664, 36.8244 looks on a white background.

Color Contrast Check

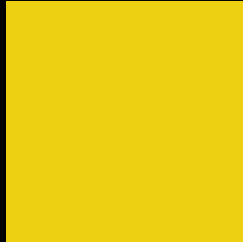
Large Text (above 18pt) WCAG AA × Fail

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 195.0110, -87.2664, 36.8244 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 195.0110, -87.2664, 36.8244 Background



This preview shows how black text looks on a background with the YUV color 195.0110, -87.2664, 36.8244.



This preview shows how white text looks on a background with the YUV color 195.0110, -87.2664, 36.8244.

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

195.0110, -87.2664, 36.8244

Protanopia

195.0000, -87.2610, 35.0800

Deuteranopia

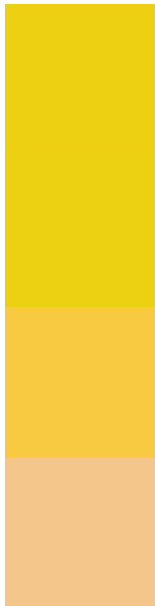
203.7740, -54.1186, 44.9252



Tritanopia

211.4540, -1.7028, 32.9278

Trichromacy



Original Color

195.0110, -87.2664, 36.8244

Protanomaly

195.2990, -87.4084, 35.6948

Deuteranomaly

200.2500, -66.1852, 41.8768

Tritanomaly

205.3270, -32.6992, 34.7932

Monochromacy



Original Color

195.0110, -87.2664, 36.8244

Achromatopsia

195.0000, 0.0000, 0.0000

Achromatomaly

195.1240, -31.6131, 13.0463

CSS Examples

Text

The CSS property to change the color of the text to YUV 195.0110, -87.2664, 36.8244 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(237, 208, 18)` looks like.

```
.text, #text, p{  
    color:rgb(237, 208, 18)  
}
```

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(237, 208, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 208, 18) }
```

Border

The CSS property to change the border of an element to YUV 195.0110, -87.2664, 36.8244 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(237, 208, 18) }
```


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

```
.border{ border-color:rgb(237, 208, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 208, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 208, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 208, 18);  
box-shadow:4px 4px 4px 4px rgb(237, 208,  
18) }
```

Background

The CSS property to change the background color of an element to YUV 195.0110, -87.2664, 36.8244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 208, 18) }
```

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

```
.background{ background-color: rgb(237,  
208, 18) }
```

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