

Converting Colors

YUV(194.2280, -86.3874,
34.8800)

Have a look what the booklet for
YUV(194.2280, -86.3874, 34.8800)
contains.

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Color

**YUV(194.2280, -86.3874,
34.8800)**

Conversions

Conversions Part 1

Format	Color
Hex	EAD013
RGB	234, 208, 19
RGB Percent	92%, 82%, 7%
CMY	0.0824, 0.1843, 0.9255
CMYK	0.00, 0.11, 0.92, 0.08
HSL	53°, 85%, 50%
HSV	53°, 92%, 92%
XYZ	56.6051, 62.6512, 9.7256
YIQ	194.2280, 76.1650, -53.2670

Conversions

Conversions Part 2

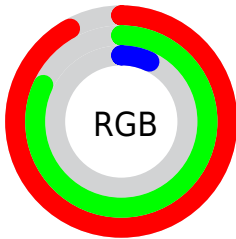
Format	Color
R _Y B	49, 234, 19
Decimal	15388691
CIE Lab	83.26, -7.17, 81.73
CIE LCh	83, 82.047, 95.012
Yxy	62.6512, 0.4389, 0.4857
Android (android.graphics.Color)	4293578771 (0xFFEAD013)
YUV	194.2280, -86.3874, 34.8800
Hunter-Lab	79.1525, -10.8644, 48.1217

Details

The YUV color **194.2280, -86.3874, 34.8800** 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 **58.7720, 86.3874, -34.8800**, and the grayscale version is **195.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.4180, -71.1981, 16.2964**, and **142.1250, -70.0676, 27.0774** is the 20% darker color. If you saturate the color by 10%, you get **190.8880, -94.1078, 37.8092**, and if you desaturate by 10%, it is **198.6110, -77.2092, 31.0362**.

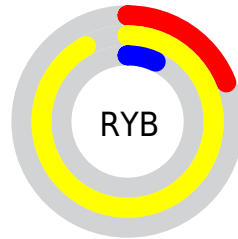
Distribution



Red (92%)

Green (82%)

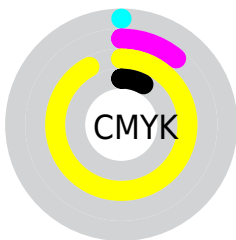
Blue (7%)



Red (19%)

Yellow (92%)

Blue (7%)

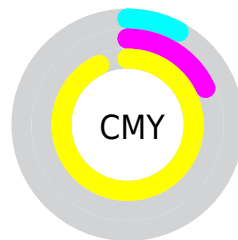


Cyan (0%)

Magenta (11%)

Yellow (92%)

Black (8%)



Cyan (8%)

Magenta (18%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 194.2280, -86.3874, 34.8800 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 194.2280, -86.3874, 34.8800 by changing the saturation by 10% instead.

■ 194.2280,
-86.3874, 34.8800

■ 194.2280,
-86.3874, 34.8800

■ 255.0000, 0.0000,
0.0000

■ 166.9440,
-82.3034, 31.6211

■ 236.4180,
-71.1981, 16.2964

■ 142.1250,
-70.0676, 27.0774

■ 239.7240,
-58.5309, 13.3971

■ 118.1920,
-58.2687, 22.6336

■ 243.0300,
-45.8638, 10.4977

■ 95.4330, -47.0485,
17.1603

■ 246.3360,
-33.1966, 7.5983

■ 72.9730, -35.9757,
12.3017

■ 249.7560,
-20.0927, 4.5990

■ 51.3990, -25.3397,
7.5431

■ 253.1760, -6.9888,

■ 31.5970, -15.5773,

1.5996

2.9844

■ 9.3920, -4.6303,
-8.2368

■ 0.0000, 0.0000,
0.0000

■ 194.2280,
-86.3874, 34.8800

■ 194.2280,
-86.3874, 34.8800

■ 190.8880,
-94.1078, 37.8092

■ 198.6110,
-77.2092, 31.0362

■ 203.1080,
-67.5942, 27.0923

■ 206.9040,
-58.1267, 23.7632

■ 211.4010,
-48.5117, 19.8193

■ 215.7840,
-39.3335, 15.9754

■ 220.1670,
-30.1553, 12.1315

■ 224.6640,
-20.5404, 8.1877

■ 229.0470,
-11.3622, 4.3438

■ 232.9570, -1.4578,
0.9147

Harmonies

Analogous

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



188.0440, -63.6187, 58.7204



194.2280, -86.3874, 34.8800



187.6340, -58.9796, -29.4970

Triad

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



194.2280, -86.3874, 34.8800



171.1240, 41.3509, -150.0757



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.



194.2280, -86.3874, 34.8800



58.7720, 86.3874, -34.8800

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.



202.8910, 25.6897, 20.2666



194.2280, -86.3874, 34.8800



165.8410, 43.9554, -145.4426

Square

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



194.2280, -86.3874, 34.8800



168.1940, 25.0474, -147.5061



153.5140, 50.0326, -134.6318



175.7140, 10.9870, 69.5338

Rectangle

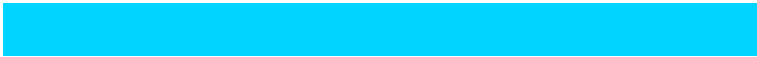
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



194.2280, -86.3874, 34.8800



172.7570, -28.9672, -89.2409



153.5140, 50.0326, -134.6318



198.0610, 28.0709, 49.9355

Sweetspot

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



194.2280, -86.3874, 34.8800



241.6230, -28.4081, 11.7316



86.5910, -19.0254, 129.2777



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.



194.2280, -86.3874, 34.8800



207.7330, -102.4124, 41.4532



185.8690, -82.2664, -27.0721



115.1590, -4.5154, 1.6146



147.4520, -72.6938, 29.4216



43.7350, -21.5614, 9.0024

Inverse Universe

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



58.7720, 86.3874, -34.8800



47.2670, 102.4124, -41.4532



67.1310, 82.2664, 27.0721



107.8410, 4.5154, -1.6146



33.5480, 72.6938, -29.4216



9.6780, 21.8507, -8.4876

Previews

White Background



This preview shows how the YUV color 194.2280, -86.3874, 34.8800 looks on a white background.

Color Contrast Check

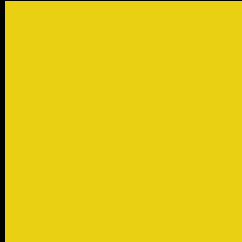
Large Text (above 18pt) WCAG AA × Fail

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 194.2280, -86.3874, 34.8800 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 194.2280, -86.3874, 34.8800

Background



This preview shows how black text looks on a background with the YUV color 194.2280, -86.3874, 34.8800.



This preview shows how white text looks on a background with the YUV color 194.2280, -86.3874,

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

194.2280, -86.3874, 34.8800

Protanopia

194.2280, -86.3874, 34.8800

Deuteranopia

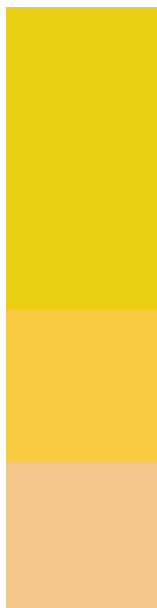
202.6170, -56.0132, 45.9399



Tritanopia

210.5570, -1.2606, 31.0835

Trichromacy



Original Color

194.2280, -86.3874, 34.8800

Protanomaly

194.2280, -86.3874, 34.8800

Deuteranomaly

199.7230, -66.9114, 41.4619

Tritanomaly

204.4300, -32.2570, 32.9489

Monochromacy



Original Color

194.2280, -86.3874, 34.8800

Achromatopsia

194.0000, 0.0000, 0.0000

Achromatomaly

194.1240, -31.6131, 13.0463

CSS Examples

Text

The CSS property to change the color of the text to YUV 194.2280, -86.3874, 34.8800 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(234, 208, 19)` looks like.

```
.text, #text, p{  
    color:rgb(234, 208, 19)  
}
```

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(234, 208, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 208, 19) }
```

Border

The CSS property to change the border of an element to YUV 194.2280, -86.3874, 34.8800 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(234, 208, 19) }
```


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

```
.border{ border-color:rgb(234, 208, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 208, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 208, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 208, 19);  
box-shadow:4px 4px 4px 4px rgb(234, 208,  
19) }
```

Background

The CSS property to change the background color of an element to YUV 194.2280, -86.3874, 34.8800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 208, 19) }
```

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

```
.background{ background-color: rgb(234,  
208, 19) }
```

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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