

Converting Colors

YUV(206.5080, -94.4134,
42.5275)

Have a look what the booklet for
YUV(206.5080, -94.4134, 42.5275)
contains.

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Color

**YUV(206.5080, -94.4134,
42.5275)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDB0F
RGB	255, 219, 15
RGB Percent	100%, 86%, 6%
CMY	0.0000, 0.1412, 0.9412
CMYK	0.00, 0.14, 0.94, 0.00
HSL	51°, 100%, 53%
HSV	51°, 94%, 100%
XYZ	66.6577, 71.9575, 10.8279
YIQ	206.5080, 86.9400, -55.8120

Conversions

Conversions Part 2

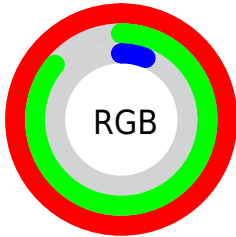
Format	Color
R _Y B	57, 255, 15
Decimal	16767759
CIE Lab	87.95, -3.82, 86.56
CIE LCh	88, 86.646, 92.529
Yxy	71.9575, 0.4460, 0.4815
Android (android.graphics.Color)	4294957839 (0xFFFFDB0F)
YUV	206.5080, -94.4134, 42.5275
Hunter-Lab	84.8278, -8.1832, 51.8113

Details

The YUV color **206.5080, -94.4134, 42.5275** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light saturated yellow. A complement of this color would be **63.4920, 94.4134, -42.5275**, and the grayscale version is **207.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.5320, -70.7613, 16.1964**, and **154.5620, -76.1991, 33.7101** is the 20% darker color. If you saturate the color by 10%, you get **203.6240, -100.3866, 45.0568**, and if you desaturate by 10%, it is **211.8200, -84.2143, 37.8689**.

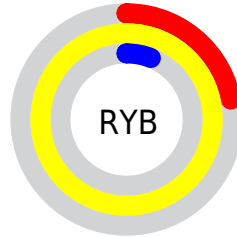
Distribution



Red (100%)

Green (86%)

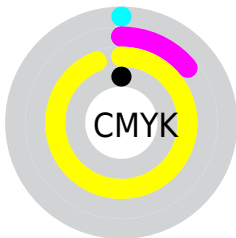
Blue (6%)



Red (22%)

Yellow (100%)

Blue (6%)

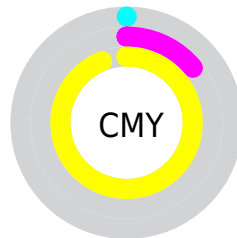


Cyan (0%)

Magenta (14%)

Yellow (94%)

Black (0%)



Cyan (0%)

Magenta (14%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 206.5080, -94.4134, 42.5275 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 206.5080, -94.4134, 42.5275 by changing the saturation by 10% instead.

206.5080,
-94.4134, 42.5275

206.5080,
-94.4134, 42.5275

255.0000, 0.0000,
0.0000

179.0930,
-88.2928, 39.3834

236.5320,
-70.7613, 16.1964

154.5620,
-76.1991, 33.7101

239.9520,
-57.6573, 13.1971

130.3300,
-64.2527, 28.6516

243.3720,
-44.5534, 10.1978

106.3970,
-52.4537, 24.2078

246.6780,
-31.8863, 7.2984

83.6380, -41.2335,
18.7345

250.0980,
-18.7823, 4.2991

61.7650, -30.4501,
13.3611

253.5180, -5.6784,

41.0770, -20.2510,

1.2997

8.7025

■ 21.8620, -10.7780,
3.6290

■ 0.0000, 0.0000,
0.0000

■ 206.5080,
-94.4134, 42.5275

■ 206.5080,
-94.4134, 42.5275

■ 203.6240,
-100.3866, 45.0568

■ 211.8200,
-84.2143, 37.8689

■ 217.0180,
-74.4519, 33.3102

■ 221.7430,
-63.9633, 29.1664

■ 226.9410,
-54.2009, 24.6077

■ 232.2530,
-44.0017, 19.9491

■ 237.4510,
-34.2393, 15.3905

■ 242.7630,
-24.0402, 10.7318

■ 247.9610,
-14.2778, 6.1732

■ 252.6860, -3.7892,
2.0294

Harmonies

Analogous

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



193.6520, -62.4394, 53.8022



206.5080, -94.4134, 42.5275



200.0060, -66.5580, -25.4383

Triad

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



206.5080, -94.4134, 42.5275



178.7550, 37.5888, -156.7681



198.0610, 28.0709, 49.9355

Complementary

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



206.5080, -94.4134, 42.5275



63.4920, 94.4134, -42.5275

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.



212.0060, 21.1960, 14.9037



206.5080, -94.4134, 42.5275



175.2330, 39.3251, -153.6793

Square

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



206.5080, -94.4134, 42.5275



175.3350, 24.4848, -153.7688



162.9060, 45.4023, -142.8686



181.9890, 17.2604, 64.0306

Rectangle

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



206.5080, -94.4134, 42.5275



186.3570, -35.6720, -85.3821



162.9060, 45.4023, -142.8686



205.1050, 24.5982, 43.7579

Sweetspot

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



206.5080, -94.4134, 42.5275



240.4490, -27.8294, 12.7612



90.8640, -19.6530, 143.9473



118.8750, -17.1934, 8.0026



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.



206.5080, -94.4134, 42.5275



203.6240, -100.3866, 45.0568



202.5240, -92.4493, -27.6465



125.3440, -5.0996, 2.3293



152.7900, -75.3255, 33.5102



50.8340, -25.0612, 11.5466

Inverse Universe

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



63.4920, 94.4134, -42.5275



51.3760, 100.3866, -45.0568



67.4760, 92.4493, 27.6465



117.6560, 5.0996, -2.3293



38.7970, 75.0361, -34.0250



13.1660, 25.0612, -11.5466

Previews

White Background



This preview shows how the YUV color 206.5080, -94.4134, 42.5275 looks on a white background.

Color Contrast Check

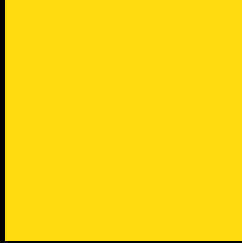
Large Text (above 18pt) WCAG AA × Fail

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 206.5080, -94.4134, 42.5275 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 206.5080, -94.4134, 42.5275

Background



This preview shows how black text looks on a background with the YUV color 206.5080, -94.4134, 42.5275.



This preview shows how white text looks on a background with the YUV color 206.5080, -94.4134,

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

206.5080, -94.4134, 42.5275

Protanopia

206.0020, -93.6710, 37.7092

Deuteranopia

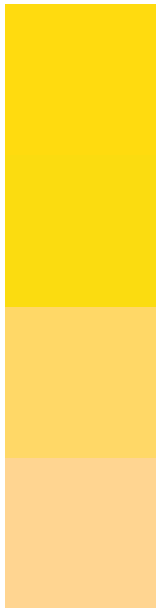
219.3050, -32.6884, 31.3045



Tritanopia

224.0080, -1.9759, 27.1800

Trichromacy



Original Color

206.5080, -94.4134, 42.5275

Protanomaly

206.0130, -93.6764, 39.4536

Deuteranomaly

214.7790, -55.1070, 35.2738

Tritanomaly

217.8060, -35.8934, 32.6191

Monochromacy



Original Color

206.5080, -94.4134, 42.5275

Achromatopsia

207.0000, 0.0000, 0.0000

Achromatomaly

206.4510, -34.2393, 15.3905

CSS Examples

Text

The CSS property to change the color of the text to YUV 206.5080, -94.4134, 42.5275 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(255, 219, 15)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 15)  
}
```

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(255, 219, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 15) }
```

Border

The CSS property to change the border of an element to YUV 206.5080, -94.4134, 42.5275 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(255, 219, 15) }
```


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

```
.border{ border-color:rgb(255, 219, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 219, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 219, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 219, 15);  
box-shadow:4px 4px 4px 4px rgb(255, 219,  
15) }
```

Background

The CSS property to change the background color of an element to YUV 206.5080, -94.4134, 42.5275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 219, 15) }
```

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

```
.background{ background-color: rgb(255,  
219, 15) }
```

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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