

Converting Colors

YUV(198.0090, -97.6184,
43.8421)

Have a look what the booklet for
YUV(198.0090, -97.6184, 43.8421)
contains.

YUV(198.0090, -97.6184, 43.8421)	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(198.0090, -97.6184,
43.8421)**

Conversions

Conversions Part 1

Format	Color
Hex	F8D300
RGB	248, 211, 0
RGB Percent	97%, 83%, 0%
CMY	0.0275, 0.1725, 1.0000
CMYK	0.00, 0.15, 1.00, 0.03
HSL	51°, 100%, 49%
HSV	51°, 100%, 97%
XYZ	62.0057, 66.5450, 9.5764
YIQ	198.0090, 89.7830, -57.7770

Conversions

Conversions Part 2

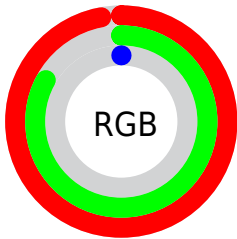
Format	Color
R_{YB}	43, 248, 0
Decimal	16306944
CIE Lab	85.27, -2.88, 85.67
CIE LCh	85, 85.715, 91.925
Yxy	66.5450, 0.4489, 0.4818
Android (android.graphics.Color)	4294497024 (0xFFFF8D300)
YUV	198.0090, -97.6184, 43.8421
Hunter-Lab	81.5751, -7.0777, 50.1423

Details

The YUV color **198.0090, -97.6184, 43.8421** 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 **49.9910, 97.6184, -43.8421**, and the grayscale version is **199.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.9620, -72.9453, 16.6963**, and **147.7730, -72.8521, 33.5251** is the 20% darker color. If you saturate the color by 10%, you get **198.0090, -97.6184, 43.8421**, and if you desaturate by 10%, it is **203.2070, -87.8561, 39.2835**.

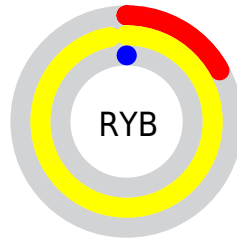
Distribution



Red (97%)

Green (83%)

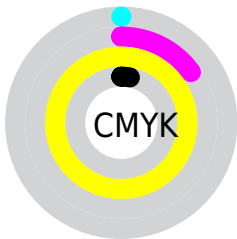
Blue (0%)



Red (17%)

Yellow (97%)

Blue (0%)

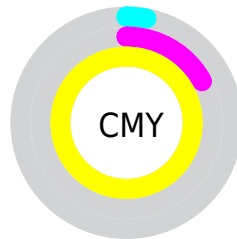


Cyan (0%)

Magenta (15%)

Yellow (100%)

Black (3%)



Cyan (3%)

Magenta (17%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.0090, -97.6184, 43.8421 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 198.0090, -97.6184, 43.8421 by changing the saturation by 10% instead.

198.0090,
-97.6184, 43.8421

198.0090,
-97.6184, 43.8421

255.0000, 0.0000,
0.0000

172.8910,
-85.2353, 38.6836

235.9620,
-72.9453, 16.6963

147.7730,
-72.8521, 33.5251

239.3820,
-59.8413, 13.6970

123.5410,
-60.9057, 28.4665

242.6880,
-47.1742, 10.7976

100.1950,
-49.3961, 23.5080

245.9940,
-34.5070, 7.8983

78.0230, -38.4653,
17.5198

249.4140,
-21.4031, 4.8989

56.4490, -27.8294,
12.7612

252.8340, -8.2992,

36.3480, -17.9196,

1.8996

7.5878

■ 16.2470, -8.0098,
2.4144

■ 0.0000, 0.0000,
0.0000

■ 198.0090,
-97.6184, 43.8421

■ 203.2070,
-87.8561, 39.2835

■ 207.8180,
-77.8043, 35.2396

■ 212.9020,
-68.4787, 30.7809

■ 218.1000,
-58.7163, 26.2223

■ 222.7110,
-48.6645, 22.1785

■ 227.9090,
-38.9021, 17.6198

■ 233.1070,
-29.1398, 13.0612

■ 238.1910,
-19.8142, 8.6025

■ 242.8020, -9.7624,
4.5586

Harmonies

Analogous

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



189.0870, -62.1609, 57.8057



198.0090, -97.6184, 43.8421



193.0170, -66.5634, -23.6939

Triad

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



198.0090, -97.6184, 43.8421



175.8200, 39.0357, -154.1941



194.5390, 29.8073, 53.0243

Complementary

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



198.0090, -97.6184, 43.8421



49.9910, 97.6184, -43.8421

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.



205.4940, 24.4065, 11.8448



198.0090, -97.6184, 43.8421



170.5370, 41.6403, -149.5609

Square

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



198.0090, -97.6184, 43.8421



171.9610, 21.7112, -150.8098



158.7970, 47.4281, -139.2650



177.1960, 16.6654, 68.2341

Rectangle

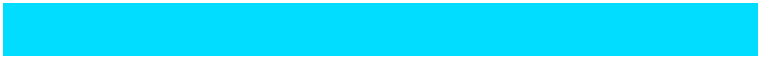
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



198.0090, -97.6184, 43.8421



179.8520, -36.4090, -82.3082



158.7970, 47.4281, -139.2650



201.5830, 26.3346, 46.8467

Sweetspot

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



198.0090, -97.6184, 43.8421



239.8790, -30.0133, 13.2611



78.3700, -20.3954, 148.7655



118.6470, -18.0670, 8.2026



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.



198.0090, -97.6184, 43.8421



203.6240, -100.3866, 45.0568



193.7150, -95.5015, -28.6911



122.3440, -5.0996, 2.3293



151.0180, -74.4519, 33.3102



48.7630, -24.0402, 10.7318

Inverse Universe

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



49.9910, 97.6184, -43.8421



51.3760, 100.3866, -45.0568



54.2850, 95.5015, 28.6911



114.6560, 5.0996, -2.3293



37.9820, 74.4519, -33.3102



12.2370, 24.0402, -10.7318

Previews

White Background



This preview shows how the YUV color 198.0090, -97.6184, 43.8421 looks on a white background.

Color Contrast Check

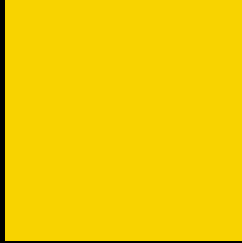
Large Text (above 18pt) WCAG AA × Fail

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 198.0090, -97.6184, 43.8421 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 198.0090, -97.6184, 43.8421 Background



This preview shows how black text looks on a background with the YUV color 198.0090, -97.6184, 43.8421.



This preview shows how white text looks on a background with the YUV color 198.0090, -97.6184,

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

198.0090, -97.6184, 43.8421

Protanopia

198.5890, -93.9604, 37.1944

Deuteranopia

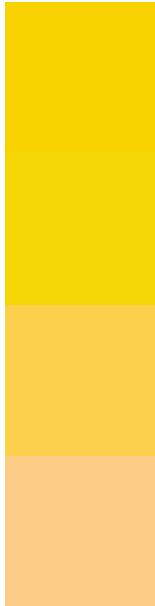
210.3740, -44.0614, 39.1370



Tritanopia

216.5250, -2.7238, 33.7426

Trichromacy



Original Color

198.0090, -97.6184, 43.8421

Protanomaly

198.5570, -95.4236, 39.8535

Deuteranomaly

205.6350, -63.4171, 40.6621

Tritanomaly

209.7850, -37.3620, 37.0226

Monochromacy



Original Color

198.0090, -97.6184, 43.8421

Achromatopsia

198.0000, 0.0000, 0.0000

Achromatomaly

198.1090, -35.5497, 15.6904

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.0090, -97.6184, 43.8421 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(248, 211, 0)` looks like.

```
.text, #text, p{  
    color:rgb(248, 211, 0)  
}
```

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(248, 211, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 211, 0) }
```

Border

The CSS property to change the border of an element to YUV 198.0090, -97.6184, 43.8421 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(248, 211, 0) }
```


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

```
.border{ border-color:rgb(248, 211, 0) }
```

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

Here you see how a box with a 4 pixel rgb(248, 211, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 211, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 211, 0);  
box-shadow:4px 4px 4px 4px rgb(248, 211,  
0) }
```

Background

The CSS property to change the background color of an element to YUV 198.0090, -97.6184, 43.8421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 211, 0) }
```

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

```
.background{ background-color: rgb(248,  
211, 0) }
```

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