

Converting Colors

YUV(194.7860, -96.0295,
47.5457)

Have a look what the booklet for
YUV(194.7860, -96.0295, 47.5457)
contains.

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Color

**YUV(194.7860, -96.0295,
47.5457)**

Conversions

Conversions Part 1

Format	Color
Hex	F9CD00
RGB	249, 205, 0
RGB Percent	98%, 80%, 0%
CMY	0.0235, 0.1961, 1.0000
CMYK	0.00, 0.18, 1.00, 0.02
HSL	49°, 100%, 49%
HSV	49°, 100%, 98%
XYZ	60.8982, 63.8024, 9.1054
YIQ	194.7860, 92.0290, -54.4270

Conversions

Conversions Part 2

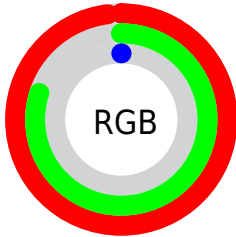
Format	Color
R _Y B	53, 249, 0
Decimal	16370944
CIE Lab	83.86, 0.60, 84.72
CIE LCh	84, 84.719, 89.591
Yxy	63.8024, 0.4551, 0.4768
Android (android.graphics.Color)	4294561024 (0xFFF9CD00)
YUV	194.7860, -96.0295, 47.5457
Hunter-Lab	79.8764, -3.6942, 49.1548

Details

The YUV color **194.7860, -96.0295, 47.5457** 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 **54.2140, 96.0295, -47.5457**, and the grayscale version is **196.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.8480, -73.3821, 16.7963**, and **144.5500, -71.2632, 37.2286** is the 20% darker color. If you saturate the color by 10%, you get **194.7860, -96.0295, 47.5457**, and if you desaturate by 10%, it is **199.9840, -86.2671, 42.9870**.

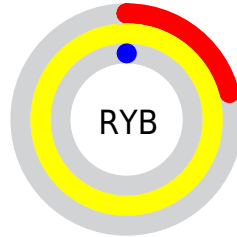
Distribution



Red (98%)

Green (80%)

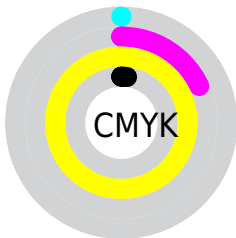
Blue (0%)



Red (21%)

Yellow (98%)

Blue (0%)

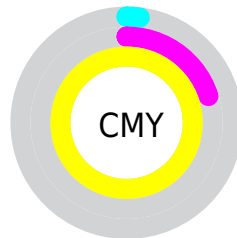


Cyan (0%)

Magenta (18%)

Yellow (100%)

Black (2%)



Cyan (2%)

Magenta (20%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 194.7860, -96.0295, 47.5457 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 194.7860, -96.0295, 47.5457 by changing the saturation by 10% instead.

194.7860,
-96.0295, 47.5457

194.7860,
-96.0295, 47.5457

255.0000, 0.0000,
0.0000

169.6680,
-83.6463, 42.3872

235.8480,
-73.3821, 16.7963

144.5500,
-71.2632, 37.2286

239.1540,
-60.7149, 13.8969

120.9050,
-59.6062, 31.6553

242.5740,
-47.6110, 10.8976

97.5590, -48.0966,
26.6968

245.8800,
-34.9438, 7.9982

75.3870, -37.1658,
20.7086

249.1860,
-22.2767, 5.0989

53.8130, -26.5298,
15.9500

252.6060, -9.1728,

33.7120, -16.6200,

2.0995

10.7766

■ 13.6110, -6.7102,
5.6032

■ 0.0000, 0.0000,
0.0000

■ 194.7860,
-96.0295, 47.5457

■ 199.9840,
-86.2671, 42.9870

■ 205.7690,
-76.7941, 37.9136

■ 210.9670,
-67.0317, 33.3549

■ 216.7520,
-57.5587, 28.2815

■ 221.9500,
-47.7963, 23.7229

■ 227.0340,
-38.4708, 19.2642

■ 232.8190,
-28.9978, 14.1907

■ 238.0170,
-19.2354, 9.6321

■ 243.8020, -9.7624,
4.5586

Harmonies

Analogous

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



185.9070, -59.1142, 60.5946



194.7860, -96.0295, 47.5457



189.7790, -68.9110, -17.3462

Triad

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



194.7860, -96.0295, 47.5457



173.4720, 40.1933, -152.1349



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.



194.7860, -96.0295, 47.5457



54.2140, 96.0295, -47.5457

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.



200.4220, 26.9070, 3.1379



194.7860, -96.0295, 47.5457



168.7760, 42.5084, -148.0166

Square

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



194.7860, -96.0295, 47.5457



167.8860, 18.7902, -147.2360



157.6230, 48.0069, -138.2354



176.3640, 18.5545, 68.9638

Rectangle

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



194.7860, -96.0295, 47.5457



178.9950, -39.9305, -72.7866



157.6230, 48.0069, -138.2354



201.5830, 26.3346, 46.8467

Sweetspot

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



194.7860, -96.0295, 47.5457



238.1180, -29.1452, 14.8055



79.6950, -16.6116, 148.4805



117.4730, -17.4882, 9.2322



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.



194.7860, -96.0295, 47.5457



199.5150, -98.3609, 48.6603



196.9930, -97.1175, -23.6729



122.3440, -5.0996, 2.3293



147.4960, -72.7155, 36.3990



47.5890, -23.4614, 11.7614

Inverse Universe

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



54.2140, 96.0295, -47.5457



55.4850, 98.3609, -48.6603



52.0070, 97.1175, 23.6729



115.2430, 4.8102, -2.8441



40.9170, 73.0049, -35.8842



13.4110, 23.4614, -11.7614

Previews

White Background



This preview shows how the YUV color 194.7860, -96.0295, 47.5457 looks on a white background.

Color Contrast Check

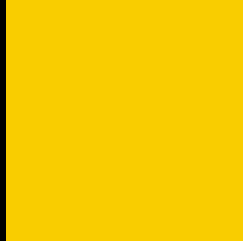
Large Text (above 18pt) WCAG AA × Fail

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 194.7860, -96.0295, 47.5457 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 194.7860, -96.0295, 47.5457

Background



This preview shows how black text looks on a background with the YUV color 194.7860, -96.0295, 47.5457.



This preview shows how white text looks on a background with the YUV color 194.7860, -96.0295,

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



Protanopia

194.9740, -91.1922, 35.9798

Deuteranopia

205.6320, -52.0766, 43.2957

Tritanopia

213.0200, -3.4609, 36.8165

Trichromacy



Protanomaly

194.8390, -93.0976, 40.4832



Deuteranomaly

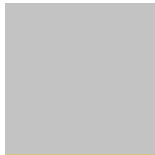
201.5170, -67.7959, 45.1506



Tritanomaly

206.2200, -37.0835, 41.0261

Monochromacy



Achromatopsia

195.0000, 0.0000, 0.0000



Achromatomaly

195.2340, -35.1184, 17.3348

CSS Examples

Text

The CSS property to change the color of the text to YUV 194.7860, -96.0295, 47.5457 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(249, 205, 0)` looks like.

```
.text, #text, p{  
    color:rgb(249, 205, 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(249, 205, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 205, 0) }
```

Border

The CSS property to change the border of an element to YUV 194.7860, -96.0295, 47.5457 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(249, 205, 0) }
```

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

```
.border{ border-color:rgb(249, 205, 0) }
```

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

Here you see how a box with a 4 pixel rgb(249, 205, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 205, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 205, 0);  
box-shadow:4px 4px 4px 4px rgb(249, 205,  
0) }
```


Background

The CSS property to change the background color of an element to YUV 194.7860, -96.0295, 47.5457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 205, 0) }
```

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

```
.background{ background-color: rgb(249,  
205, 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](#).

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