

Converting Colors

YUV(191.6750, -94.4958,
22.2100)

Have a look what the booklet for
YUV(191.6750, -94.4958, 22.2100)
contains.

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Color

**YUV(191.6750, -94.4958,
22.2100)**

Conversions

Conversions Part 1

Format	Color
Hex	D9D800
RGB	217, 216, 0
RGB Percent	85%, 85%, 0%
CMY	0.1490, 0.1529, 1.0000
CMYK	0.00, 0.00, 1.00, 0.15
HSL	60°, 100%, 43%
HSV	60°, 100%, 85%
XYZ	53.1711, 63.8634, 9.5245
YIQ	191.6750, 69.9320, -66.9640

Conversions

Conversions Part 2

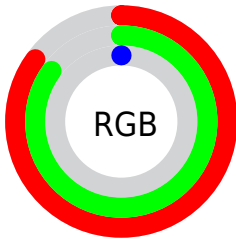
Format	Color
RYB	1, 217, 0
Decimal	14276608
CIELab	83.89, -18.59, 83.45
CIELCh	84, 85.497, 102.561
Yxy	63.8634, 0.4201, 0.5046
Android (android.graphics.Color)	4292466688 (0xFFD9D800)
YUV	191.6750, -94.4958, 22.2100
Hunter-Lab	79.9146, -21.0857, 48.8739

Details

The YUV color **191.6750, -94.4958, 22.2100** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed yellow. A complement of this color would be **25.3250, 94.4958, -22.2100**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.9620, -72.9453, 16.6963**, and **142.0370, -70.0242, 13.1226** is the 20% darker color. If you saturate the color by 10%, you get **191.6750, -94.4958, 22.2100**, and if you desaturate by 10%, it is **194.1830, -84.8862, 20.0105**.

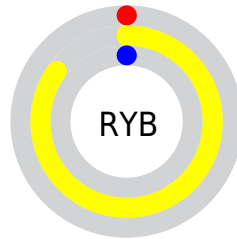
Distribution



Red (85%)

Green (85%)

Blue (0%)



Red (0%)

Yellow (85%)

Blue (0%)

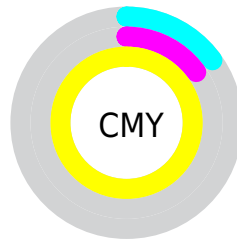


Cyan (0%)

Magenta (0%)

Yellow (100%)

Black (15%)



Cyan (15%)

Magenta (15%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 191.6750, -94.4958, 22.2100 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 191.6750, -94.4958, 22.2100 by changing the saturation by 10% instead.

191.6750,
-94.4958, 22.2100

191.6750,
-94.4958, 22.2100

255.0000, 0.0000,
0.0000

166.2690,
-81.9706, 18.1811

235.9620,
-72.9453, 16.6963

142.0370,
-70.0242, 13.1226

239.3820,
-59.8413, 13.6970

117.5170,
-57.9359, 9.1936

242.6880,
-47.1742, 10.7976

94.4700, -46.5737,
4.8498

245.9940,
-34.5070, 7.8983

72.0100, -35.5009,
-0.0088

249.4140,
-21.4031, 4.8989

50.4360, -24.8649,
-4.7674

252.8340, -8.2992,

29.7480, -14.6658,

1.8996

-9.4260

■ 12.9140, -6.3666,
-11.3256

■ 0.0000, 0.0000,
0.0000

■ 191.6750,
-94.4958, 22.2100

■ 194.1830,
-84.8862, 20.0105

■ 196.5770,
-75.7135, 17.9110

■ 199.0850,
-66.1039, 15.7115

■ 201.5930,
-56.4943, 13.5119

■ 204.6880,
-47.1742, 10.7976

■ 207.0820,
-38.0014, 8.6981

■ 209.5900,
-28.3919, 6.4986

■ 212.0980,
-18.7823, 4.2991

■ 214.4920, -9.6096,
2.1995

Harmonies

Analogous

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



190.5910, -76.7064, 56.4867



191.6750, -94.4958, 22.2100



183.8530, -51.1995, -51.6141

Triad

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



191.6750, -94.4958, 22.2100



172.2980, 40.7721, -151.1053



185.7340, 34.1481, 60.7463

Complementary

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



191.6750, -94.4958, 22.2100



25.3250, 94.4958, -22.2100

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.



206.2790, 24.0195, 42.7283



191.6750, -94.4958, 22.2100



164.6670, 44.5342, -144.4130

Square

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



191.6750, -94.4958, 22.2100



172.5770, 34.2255, -151.3500



179.2830, 37.3285, -73.0392



172.3740, 3.2666, 72.4630

Rectangle

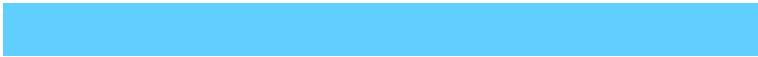
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



191.6750, -94.4958, 22.2100



156.4010, -12.5227, -137.1637



179.2830, 37.3285, -73.0392



192.1910, 30.9648, 55.0835

Sweetspot

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



191.6750, -94.4958, 22.2100



246.3360, -33.1966, 7.5983



65.3390, -30.2401, 133.0067



122.1690, -19.8033, 5.1138



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.



191.6750, -94.4958, 22.2100



225.3430, -111.0941, 26.0092



160.8670, -79.3074, -42.8564



108.7460, -4.8048, 1.0998



153.2780, -75.5661, 17.2962



40.7560, -20.0927, 4.5990

Inverse Universe

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



25.3250, 94.4958, -22.2100



29.6570, 111.0941, -26.0092



56.1330, 79.3074, 42.8564



100.2540, 4.8048, -1.0998



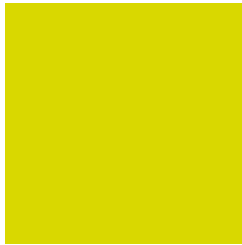
20.3090, 75.2767, -17.8110



5.2440, 20.0927, -4.5990

Previews

White Background



This preview shows how the YUV color 191.6750, -94.4958, 22.2100 looks on a white background.

Color Contrast Check

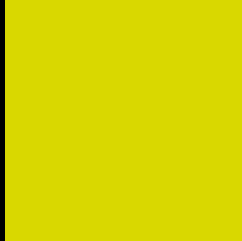
Large Text (above 18pt) WCAG AA × Fail

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 191.6750, -94.4958, 22.2100 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 191.6750, -94.4958, 22.2100

Background



This preview shows how black text looks on a background with the YUV color 191.6750, -94.4958, 22.2100.



This preview shows how white text looks on a background with the YUV color 191.6750, -94.4958, 22.2100.

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

193.8340, -95.5602, 36.9796

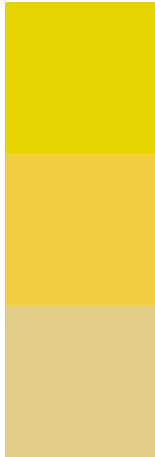
Deuteranopia

204.9310, -52.2240, 43.9105

Tritanopia

211.6800, 2.1298, 16.9436

Trichromacy



Protanomaly

192.9150, -95.1071, 31.6465

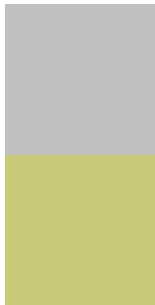
Deuteranomaly

200.1630, -67.6214, 35.8140

Tritanomaly

204.1140, -33.0872, 19.1940

Monochromacy



Achromatopsia

192.0000, 0.0000, 0.0000

Achromatomaly

191.9940, -34.5070, 7.8983

CSS Examples

Text

The CSS property to change the color of the text to YUV 191.6750, -94.4958, 22.2100 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(217, 216, 0)` looks like.

```
.text, #text, p{  
    color:rgb(217, 216, 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(217, 216, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 216, 0) }
```

Border

The CSS property to change the border of an element to YUV 191.6750, -94.4958, 22.2100 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(217, 216, 0) }
```

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

```
.border{ border-color:rgb(217, 216, 0) }
```

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

Here you see how a box with a 4 pixel rgb(217, 216, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 216, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 216, 0);  
box-shadow:4px 4px 4px 4px rgb(217, 216,  
0) }
```


Background

The CSS property to change the background color of an element to YUV 191.6750, -94.4958, 22.2100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 216, 0) }
```

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

```
.background{ background-color: rgb(217,  
216, 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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