

Converting Colors

YUV(184.8790, -70.4393,
6.2451)

Have a look what the booklet for
YUV(184.8790, -70.4393, 6.2451)
contains.

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Color

**YUV(184.8790, -70.4393,
6.2451)**

Conversions

Conversions Part 1

Format	Color
Hex	C0D12A
RGB	192, 209, 42
RGB Percent	75%, 82%, 16%
CMY	0.2471, 0.1804, 0.8353
CMYK	0.08, 0.00, 0.80, 0.18
HSL	66°, 67%, 49%
HSV	66°, 80%, 82%
XYZ	44.9566, 56.9746, 10.8182
YIQ	184.8790, 43.4750, -55.5410

Conversions

Conversions Part 2

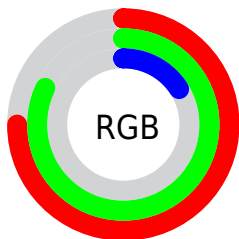
Format	Color
R _Y B	42, 209, 59
Decimal	12636458
CIE Lab	80.17, -24.93, 73.17
CIE LCh	80, 77.301, 108.817
Yxy	56.9746, 0.3987, 0.5053
Android (android.graphics.Color)	4290826538 (0xFFC0D12A)
YUV	184.8790, -70.4393, 6.2451
Hunter-Lab	75.4815, -25.7784, 44.3394

Details

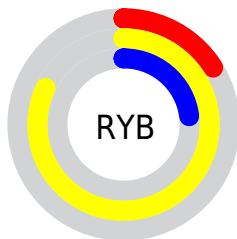
The YUV color **184.8790, -70.4393, 6.2451** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light washed yellow. A complement of this color would be **66.1210, 70.4393, -6.2451**, and the grayscale version is **186.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.7750, -65.9511, 13.3523**, and **131.0510, -64.6081, 2.5863** is the 20% darker color. If you saturate the color by 10%, you get **181.8870, -79.3173, 7.1151**, and if you desaturate by 10%, it is **187.8710, -61.5614, 5.3751**.

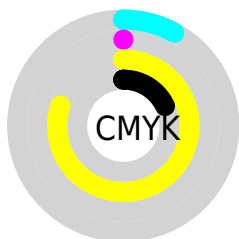
Distribution



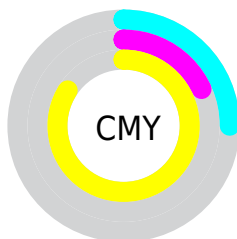
- Red (75%)
- Green (82%)
- Blue (16%)



- Red (16%)
- Yellow (82%)
- Blue (23%)



- Cyan (8%)
- Magenta (0%)
- Yellow (80%)
- Black (18%)



- Cyan (25%)
- Magenta (18%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 184.8790, -70.4393, 6.2451 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 184.8790, -70.4393, 6.2451 by changing the saturation by 10% instead.

■ 184.8790,
-70.4393, 6.2451

■ 184.8790,
-70.4393, 6.2451

■ 255.0000, 0.0000,
0.0000

■ 154.9840,
-76.4071, 7.0300

■ 236.7750,
-65.9511, 13.3523

■ 131.0510,
-64.6081, 2.5863

■ 240.9780,
-53.7262, 12.2973

■ 107.4170,
-52.9566, -1.2427

■ 244.1700,
-41.4958, 9.4979

■ 84.6690, -41.7418,
-4.9717

■ 247.4760,
-28.8287, 6.5985

■ 62.2090, -30.6690,
-9.8303

■ 250.7820,
-16.1615, 3.6992

■ 40.3360, -19.8856,
-15.2037

■ 254.2020, -3.0576,

■ 20.5450, -10.1287,

0.6998

-18.0180

■ 0.5870, -0.2894,
-0.5148

■ 0.0000, 0.0000,
0.0000

■ 184.8790,
-70.4393, 6.2451

■ 184.8790,
-70.4393, 6.2451

■ 181.8870,
-79.3173, 7.1151

■ 187.8710,
-61.5614, 5.3751

■ 178.8950,
-88.1952, 7.9851

■ 190.8630,
-52.6835, 4.5051

■ 193.8550,
-43.8055, 3.6352

■ 197.1460,
-35.0750, 3.3800

■ 200.1380,
-26.1970, 2.5100

■ 203.0160,
-17.7559, 1.7400

■ 206.0080, -8.8779,
0.8700

■ 209.0000, 0.0000,
0.0000

■ 211.9920, 8.8779,
-0.8700

Harmonies

Analogous

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



190.1010, -73.5068, 56.9164



184.8790, -70.4393, 6.2451



173.4570, -37.2003, -61.7908

Triad

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



184.8790, -70.4393, 6.2451



162.9060, 45.4023, -142.8686



180.4220, 23.9490, 65.4049

Complementary

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



184.8790, -70.4393, 6.2451



66.1210, 70.4393, -6.2451

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.



198.6480, 27.7815, 49.4207



184.8790, -70.4393, 6.2451



155.2750, 49.1644, -136.1762

Square

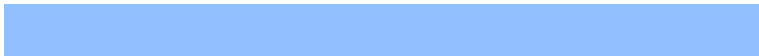
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



184.8790, -70.4393, 6.2451



164.4730, 38.7138, -144.2428



184.8410, 34.5884, -34.0636



171.6270, -7.2111, 73.1181

Rectangle

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



184.8790, -70.4393, 6.2451



151.4260, -3.6610, -132.8006



184.8410, 34.5884, -34.0636



187.2670, 32.4064, 59.4018

Sweetspot

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



184.8790, -70.4393, 6.2451



246.2520, -25.7602, 2.4100



101.9120, -29.5366, 93.9162



122.5860, -15.5719, 1.2401



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.



184.8790, -70.4393, 6.2451



219.5950, -103.3303, 9.1252



160.0620, -58.2046, -44.7814



103.1480, -4.5100, -0.1298



143.7650, -70.8761, 6.3451



35.1300, -17.3191, 1.6400

Inverse Universe

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



66.1210, 70.4393, -6.2451



45.4050, 103.3303, -9.1252



90.9380, 58.2046, 44.7814



95.5530, 4.6574, -0.4850



24.2350, 70.8761, -6.3451



5.8700, 17.3191, -1.6400

Previews

White Background



This preview shows how the YUV color 184.8790, -70.4393, 6.2451 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 184.8790, -70.4393, 6.2451 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 184.8790, -70.4393, 6.2451

Background



This preview shows how black text looks on a background with the YUV color 184.8790, -70.4393, 6.2451.



This preview shows how white text looks on a background with the YUV color 184.8790, -70.4393, 6.2451.

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

184.8790, -70.4393, 6.2451

Protanopia

187.9360, -73.4254, 30.7511

Deuteranopia

190.8490, -67.9596, 50.9984



Tritanopia

200.2980, 4.7831, 5.8777

Trichromacy



Original Color

184.8790, -70.4393, 6.2451

Protanomaly

187.1090, -72.5247, 21.8294

Deuteranomaly

188.8100, -68.9263, 34.3696

Tritanomaly

194.7840, -22.5715, 6.3284

Monochromacy



Original Color

184.8790, -70.4393, 6.2451

Achromatopsia

185.0000, 0.0000, 0.0000

Achromatomaly

185.2520, -25.7602, 2.4100

CSS Examples

Text

The CSS property to change the color of the text to YUV 184.8790, -70.4393, 6.2451 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(192, 209, 42)` looks like.

```
.text, #text, p{  
    color:rgb(192, 209, 42)  
}
```

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(192, 209, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 209, 42) }
```

Border

The CSS property to change the border of an element to YUV 184.8790, -70.4393, 6.2451 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(192, 209, 42) }
```


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

```
.border{ border-color:rgb(192, 209, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 209, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 209, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 209, 42);  
box-shadow:4px 4px 4px 4px rgb(192, 209,  
42) }
```

Background

The CSS property to change the background color of an element to YUV 184.8790, -70.4393, 6.2451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 209, 42) }
```

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

```
.background{ background-color: rgb(192,  
209, 42) }
```

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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