

Converting Colors

YUV(196.1100, -60.6932,
6.9195)

Have a look what the booklet for
YUV(196.1100, -60.6932, 6.9195)
contains.

YUV(196.1100, -60.6932, 6.9195)	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(196.1100, -60.6932,
6.9195)**

Conversions

Conversions Part 1

Format	Color
Hex	CCD849
RGB	204, 216, 73
RGB Percent	80%, 85%, 29%
CMY	0.2000, 0.1529, 0.7137
CMYK	0.06, 0.00, 0.66, 0.15
HSL	65°, 65%, 57%
HSV	65°, 66%, 85%
XYZ	50.6603, 62.4301, 15.6835
YIQ	196.1100, 38.7510, -47.0170

Conversions

Conversions Part 2

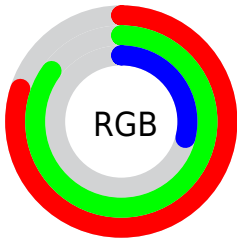
Format	Color
RYB	73, 216, 85
Decimal	13424713
CIELab	83.14, -21.94, 66.09
CIELCh	83, 69.640, 108.362
Yxy	62.4301, 0.3934, 0.4848
Android (android.graphics.Color)	4291614793 (0xFFCCD849)
YUV	196.1100, -60.6932, 6.9195
Hunter-Lab	79.0127, -23.8241, 43.5403

Details

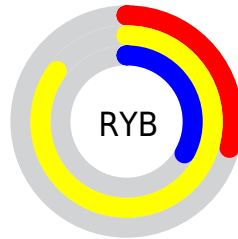
The YUV color **196.1100, -60.6932, 6.9195** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **92.8900, 60.6932, -6.9195**, and the grayscale version is **197.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.6360, -55.0365, 12.5972**, and **138.1610, -68.1134, 6.8748** is the 20% darker color. If you saturate the color by 10%, you get **193.0040, -70.0080, 7.8895**, and if you desaturate by 10%, it is **199.2160, -51.3785, 5.9496**.

Distribution



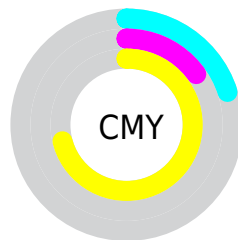
- Red (80%)
- Green (85%)
- Blue (29%)



- Red (29%)
- Yellow (85%)
- Blue (33%)



- Cyan (6%)
- Magenta (0%)
- Yellow (66%)
- Black (15%)



- Cyan (20%)
- Magenta (15%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.1100, -60.6932, 6.9195 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 196.1100, -60.6932, 6.9195 by changing the saturation by 10% instead.

■ 196.1100,
-60.6932, 6.9195

■ 196.1100,
-60.6932, 6.9195

■ 255.0000, 0.0000,
0.0000

■ 167.5830,
-61.4194, 6.5047

■ 240.6360,
-55.0365, 12.5972

■ 138.1610,
-68.1134, 6.8748

■ 243.8280,
-42.8062, 9.7978

■ 114.8260,
-56.6092, 3.6606

■ 247.0200,
-30.5759, 6.9985

■ 91.7790, -45.2470,
-0.6832

■ 250.3260,
-17.9087, 4.0991

■ 69.6180, -34.3217,
-4.9270

■ 253.6320, -5.2416,
1.1997

■ 47.4570, -23.3963,
-9.1708

■ 26.4700, -13.0497,

-14.4442

■ 11.1530, -5.4984,
-9.7812

■ 0.0000, 0.0000,
0.0000

■ 196.1100,
-60.6932, 6.9195

■ 196.1100,
-60.6932, 6.9195

■ 193.0040,
-70.0080, 7.8895

■ 199.2160,
-51.3785, 5.9496

■ 190.0120,
-78.8859, 8.7595

■ 202.2080,
-42.5005, 5.0796

■ 187.2050,
-88.3481, 10.3442

■ 205.0150,
-33.0384, 3.4948

■ 185.9940,
-91.6950, 10.5293

■ 208.0070,
-24.1605, 2.6249

■ 211.1130,
-14.8457, 1.6549

■ 214.2190, -5.5310,
0.6849

■ 217.2110, 3.3470,
-0.1850

■ 220.3170, 12.6617,
-1.1550

■ 221.6420, 16.4455,
-1.4400

Harmonies

Analogous

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



198.9180, -62.5706, 49.1839



196.1100, -60.6932, 6.9195



186.2070, -34.6121, -51.9245

Triad

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



196.1100, -60.6932, 6.9195



166.4280, 43.6660, -145.9574



191.7860, 21.7975, 55.4387

Complementary

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



196.1100, -60.6932, 6.9195



92.8900, 60.6932, -6.9195

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.



206.8660, 23.7301, 42.2135



196.1100, -60.6932, 6.9195



159.3840, 47.1387, -139.7798

Square

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



196.1100, -60.6932, 6.9195



168.3370, 38.2879, -147.6315



195.5060, 29.3305, -27.6308



183.6750, -6.7418, 62.5520

Rectangle

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



196.1100, -60.6932, 6.9195



162.2960, -3.1039, -124.7936



195.5060, 29.3305, -27.6308



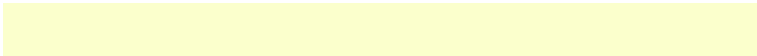
197.4740, 28.3603, 50.4503

Sweetspot

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



196.1100, -60.6932, 6.9195



247.9900, -21.6871, 2.6398



122.8010, -24.5519, 81.7355



123.5690, -13.0985, 1.2550



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.



196.1100, -60.6932, 6.9195



227.0030, -85.2905, 9.6444



174.8810, -50.2273, -36.7296



105.4470, -4.6574, 0.4850



147.3200, -72.6288, 8.4894



37.2010, -18.3401, 2.4547

Inverse Universe

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



92.8900, 60.6932, -6.9195



81.6980, 85.4379, -10.2591



114.1190, 50.2273, 36.7296



97.5530, 4.6574, -0.4850



23.6800, 72.6288, -8.4894



6.0980, 18.1927, -1.8399

Previews

White Background



This preview shows how the YUV color 196.1100, -60.6932, 6.9195 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 196.1100, -60.6932, 6.9195 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 196.1100, -60.6932, 6.9195 Background



This preview shows how black text looks on a background with the YUV color 196.1100, -60.6932, 6.9195.



This preview shows how white text looks on a background with the YUV color 196.1100, -60.6932, 6.9195.

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

196.1100, -60.6932, 6.9195

Protanopia

198.6720, -62.9423, 28.3517

Deuteranopia

202.4860, -53.9766, 46.0548



Tritanopia

208.6080, 4.6303, 8.2368

Trichromacy



Original Color

196.1100, -60.6932, 6.9195

Protanomaly

197.5570, -61.8996, 20.5595

Deuteranomaly

200.1160, -56.2592, 31.4703

Tritanomaly

204.0060, -19.2300, 7.8877

Monochromacy



Original Color

196.1100, -60.6932, 6.9195

Achromatopsia

196.0000, 0.0000, 0.0000

Achromatomaly

195.8760, -22.1239, 2.7397

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.1100, -60.6932, 6.9195 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(204, 216, 73)` looks like.

```
.text, #text, p{  
    color:rgb(204, 216, 73)  
}
```

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(204, 216, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 216, 73) }
```

Border

The CSS property to change the border of an element to YUV 196.1100, -60.6932, 6.9195 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(204, 216, 73) }
```


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

```
.border{ border-color:rgb(204, 216, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 216, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 216, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 216, 73);  
box-shadow:4px 4px 4px 4px rgb(204, 216,  
73) }
```

Background

The CSS property to change the background color of an element to YUV 196.1100, -60.6932, 6.9195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 216, 73) }
```

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

```
.background{ background-color: rgb(204,  
216, 73) }
```

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