

Converting Colors

YUV(186.1070, -69.5658,
6.0452)

Have a look what the booklet for
YUV(186.1070, -69.5658, 6.0452)
contains.

YUV(186.1070, -69.5658, 6.0452)	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(186.1070, -69.5658,
6.0452)**

Conversions

Conversions Part 1

Format	Color
Hex	C1D22D
RGB	193, 210, 45
RGB Percent	76%, 82%, 18%
CMY	0.2431, 0.1765, 0.8235
CMYK	0.08, 0.00, 0.79, 0.18
HSL	66°, 65%, 50%
HSV	66°, 79%, 82%
XYZ	45.5126, 57.6201, 11.2056
YIQ	186.1070, 42.8330, -54.9190

Conversions

Conversions Part 2

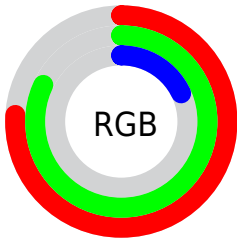
Format	Color
RYB	45, 210, 62
Decimal	12702253
CIELab	80.53, -24.89, 72.70
CIElCh	81, 76.845, 108.902
Yxy	57.6201, 0.3981, 0.5039
Android (android.graphics.Color)	4290892333 (0xFFC1D22D)
YUV	186.1070, -69.5658, 6.0452
Hunter-Lab	75.9079, -25.8145, 44.3830

Details

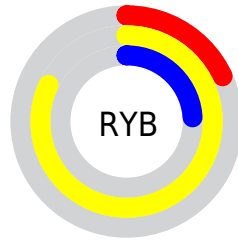
The YUV color **186.1070, -69.5658, 6.0452** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light washed yellow. A complement of this color would be **68.8930, 69.5658, -6.0452**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.3020, -65.2249, 13.7671**, and **131.9370, -65.0449, 2.6863** is the 20% darker color. If you saturate the color by 10%, you get **183.1150, -78.4437, 6.9151**, and if you desaturate by 10%, it is **189.0990, -60.6878, 5.1752**.

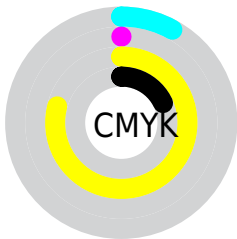
Distribution



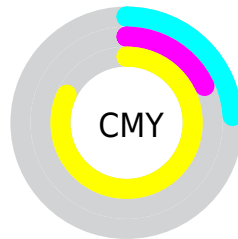
- Red (76%)
- Green (82%)
- Blue (18%)



- Red (18%)
- Yellow (82%)
- Blue (24%)



- Cyan (8%)
- Magenta (0%)
- Yellow (79%)
- Black (18%)



- Cyan (24%)
- Magenta (18%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.1070, -69.5658, 6.0452 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 186.1070, -69.5658, 6.0452 by changing the saturation by 10% instead.

186.1070,
-69.5658, 6.0452

186.1070,
-69.5658, 6.0452

255.0000, 0.0000,
0.0000

155.8700,
-76.8439, 7.1300

237.3020,
-65.2249, 13.7671

131.9370,
-65.0449, 2.6863

241.2060,
-52.8526, 12.0973

108.3030,
-53.3934, -1.1427

244.3980,
-40.6222, 9.2980

85.5550, -42.1786,
-4.8717

247.7040,
-27.9551, 6.3986

62.5080, -30.8164,
-9.2155

251.0100,
-15.2879, 3.4992

40.6350, -20.0331,
-14.5889

254.4300, -2.1840,

21.1320, -10.4181,

0.4999

-18.5328

■ 2.3480, -1.1576,
-2.0592

■ 0.0000, 0.0000,
0.0000

■ 186.1070,
-69.5658, 6.0452

■ 186.1070,
-69.5658, 6.0452

■ 183.1150,
-78.4437, 6.9151

■ 189.0990,
-60.6878, 5.1752

■ 180.1230,
-87.3216, 7.7851

■ 192.0910,
-51.8099, 4.3052

■ 179.4820,
-88.4846, 7.4703

■ 195.0830,
-42.9319, 3.4352

■ 198.3740,
-34.2014, 3.1800

■ 201.3660,
-25.3234, 2.3100

■ 204.3580,
-16.4455, 1.4400

■ 207.3500, -7.5675,
0.5701

■ 210.3420, 1.3104,
-0.2999

■ 213.3340, 10.1883,
-1.1699

Harmonies

Analogous

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



191.0300, -72.4858, 56.1017



186.1070, -69.5658, 6.0452



174.7560, -37.3477, -61.1760

Triad

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



186.1070, -69.5658, 6.0452



163.4930, 45.1130, -143.3834



181.1230, 24.0964, 64.7901

Complementary

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



186.1070, -69.5658, 6.0452



68.8930, 69.5658, -6.0452

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.



199.8220, 27.2028, 48.3911



186.1070, -69.5658, 6.0452



155.8620, 48.8750, -136.6910

Square

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



186.1070, -69.5658, 6.0452



165.1740, 38.8612, -144.8576



186.3250, 33.8568, -32.7340



172.9150, -7.3531, 71.9885

Rectangle

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



186.1070, -69.5658, 6.0452



151.5400, -3.2242, -132.9006



186.3250, 33.8568, -32.7340



187.8540, 32.1170, 58.8870

Sweetspot

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



186.1070, -69.5658, 6.0452



246.2520, -25.7602, 2.4100



103.7270, -28.9524, 93.2014



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.



186.1070, -69.5658, 6.0452



220.1650, -101.1463, 8.6253



161.5890, -57.4784, -44.3666



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.



68.8930, 69.5658, -6.0452



49.8350, 101.1463, -8.6253



93.4110, 57.4784, 44.3666



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 186.1070, -69.5658, 6.0452 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 186.1070, -69.5658, 6.0452 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 186.1070, -69.5658, 6.0452 Background



This preview shows how black text looks on a background with the YUV color 186.1070, -69.5658, 6.0452.



This preview shows how white text looks on a background with the YUV color 186.1070, -69.5658, 6.0452.

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

186.1070, -69.5658, 6.0452

Protanopia

189.1640, -72.5519, 30.5512

Deuteranopia

191.9630, -67.5228, 50.8984



Tritanopia

201.2980, 4.7831, 5.8777

Trichromacy



Original Color

186.1070, -69.5658, 6.0452

Protanomaly

188.3370, -71.6511, 21.6295

Deuteranomaly

189.9240, -68.4895, 34.2697

Tritanomaly

195.8980, -22.1347, 6.2285

Monochromacy



Original Color

186.1070, -69.5658, 6.0452

Achromatopsia

186.0000, 0.0000, 0.0000

Achromatomaly

186.3660, -25.3234, 2.3100

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.1070, -69.5658, 6.0452 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(193, 210, 45)` looks like.

```
.text, #text, p{  
    color:rgb(193, 210, 45)  
}
```

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(193, 210, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 210, 45) }
```

Border

The CSS property to change the border of an element to YUV 186.1070, -69.5658, 6.0452 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(193, 210, 45) }
```


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

```
.border{ border-color:rgb(193, 210, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 210, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 210, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 210, 45);  
box-shadow:4px 4px 4px 4px rgb(193, 210,  
45) }
```

Background

The CSS property to change the background color of an element to YUV 186.1070, -69.5658, 6.0452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 210, 45) }
```

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

```
.background{ background-color: rgb(193,  
210, 45) }
```

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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