

Converting Colors

YUV(183.8980, -59.1097,
12.3675)

Have a look what the booklet for
YUV(183.8980, -59.1097, 12.3675)
contains.

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Color

**YUV(183.8980, -59.1097,
12.3675)**

Conversions

Conversions Part 1

Format	Color
Hex	C6C840
RGB	198, 200, 64
RGB Percent	78%, 78%, 25%
CMY	0.2235, 0.2157, 0.7490
CMYK	0.01, 0.00, 0.68, 0.22
HSL	61°, 55%, 52%
HSV	61°, 68%, 78%
XYZ	44.8684, 53.6845, 12.8478
YIQ	183.8980, 42.4640, -42.7200

Conversions

Conversions Part 2

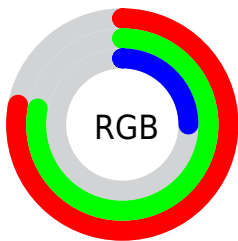
Format	Color
RYB	64, 200, 66
Decimal	13027392
CIELab	78.28, -17.05, 64.45
CIElCh	78, 66.668, 104.818
Yxy	53.6845, 0.4028, 0.4819
Android (android.graphics.Color)	4291217472 (0xFFC6C840)
YUV	183.8980, -59.1097, 12.3675
Hunter-Lab	73.2697, -18.9134, 40.8923

Details

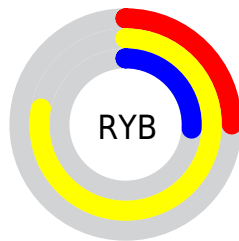
The YUV color **183.8980, -59.1097, 12.3675** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **80.1020, 59.1097, -12.3675**, and the grayscale version is **184.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.4960, -59.4045, 13.5970**, and **127.8610, -63.0355, 11.5229** is the 20% darker color. If you saturate the color by 10%, you get **181.6180, -67.8457, 14.3670**, and if you desaturate by 10%, it is **186.1780, -50.3738, 10.3679**.

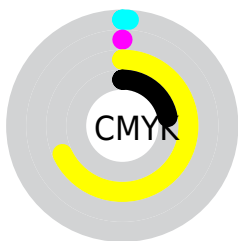
Distribution



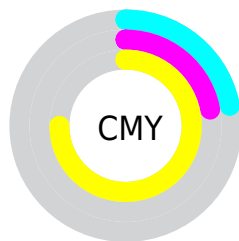
- Red (78%)
- Green (78%)
- Blue (25%)



- Red (25%)
- Yellow (78%)
- Blue (26%)



- Cyan (1%)
- Magenta (0%)
- Yellow (68%)
- Black (22%)



- Cyan (22%)
- Magenta (22%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 183.8980, -59.1097, 12.3675 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 183.8980, -59.1097, 12.3675 by changing the saturation by 10% instead.

■ 183.8980,
-59.1097, 12.3675

■ 183.8980,
-59.1097, 12.3675

255.0000, 0.0000,
0.0000

■ 155.8440,
-60.5621, 11.5378

■ 239.4960,
-59.4045, 13.5970

■ 127.8610,
-63.0355, 11.5229

■ 242.6880,
-47.1742, 10.7976

■ 104.8140,
-51.6733, 7.1791

■ 245.8800,
-34.9438, 7.9982

■ 82.0660, -40.4585,
3.4501

■ 249.1860,
-22.2767, 5.0989

■ 59.9050, -29.5332,
-0.7937

■ 252.4920, -9.6096,
2.1995

■ 39.2170, -19.3340,
-5.4523

■ 18.2080, -8.9765,

-14.2144

■ 0.0000, 0.0000,
0.0000

■ 183.8980,
-59.1097, 12.3675

■ 183.8980,
-59.1097, 12.3675

■ 181.6180,
-67.8457, 14.3670

■ 186.1780,
-50.3738, 10.3679

■ 179.0390,
-76.4342, 15.7518

■ 188.7570,
-41.7852, 8.9831

■ 176.7590,
-85.1702, 17.7514

■ 191.0370,
-33.0492, 6.9836

■ 176.3030,
-86.9174, 18.1513

■ 193.3170,
-24.3133, 4.9840

■ 195.5970,
-15.5773, 2.9844

■ 198.1760, -6.9888,
1.5996

■ 200.4560, 1.7472,
-0.3999

■ 202.7360, 10.4832,
-2.3995

■ 205.3150, 19.0717,
-3.7843

Harmonies

Analogous

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



188.5860, -58.9559, 56.4911



183.8980, -59.1097, 12.3675



175.4040, -36.6812, -41.5733

Triad

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



183.8980, -59.1097, 12.3675



158.2100, 47.7175, -138.7502



185.5910, 20.9076, 60.8717

Complementary

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



183.8980, -59.1097, 12.3675



80.1020, 59.1097, -12.3675

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.



196.2010, 28.9879, 35.7807



183.8980, -59.1097, 12.3675



151.7530, 50.9008, -133.0874

Square

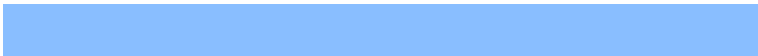
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



183.8980, -59.1097, 12.3675



156.9100, 32.5824, -137.6101



181.5630, 36.2044, -39.0818



176.0610, -5.4531, 69.2295

Rectangle

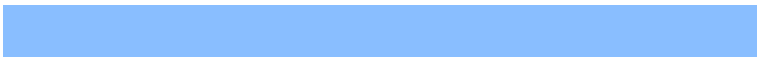
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



183.8980, -59.1097, 12.3675



159.8220, -10.7582, -96.3139



181.5630, 36.2044, -39.0818



191.3930, 27.9073, 55.7833

Sweetspot

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



183.8980, -59.1097, 12.3675



248.8870, -22.1293, 4.4841



104.6640, -20.0474, 83.6097



124.1670, -13.3933, 2.4845



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.



183.8980, -59.1097, 12.3675



230.2770, -90.8486, 19.0511



164.1640, -49.3809, -28.2078



97.9740, -3.9312, 0.8998



143.8200, -70.9033, 15.0669



31.5970, -15.5773, 2.9844

Inverse Universe

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



80.1020, 59.1097, -12.3675



70.7230, 90.8486, -19.0511



99.8360, 49.3809, 28.2078



91.0260, 3.9312, -0.8998



19.1800, 70.9033, -15.0669



4.4030, 15.5773, -2.9844

Previews

White Background



This preview shows how the YUV color 183.8980, -59.1097, 12.3675 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 183.8980, -59.1097, 12.3675 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 183.8980, -59.1097, 12.3675

Background



This preview shows how black text looks on a background with the YUV color 183.8980, -59.1097, 12.3675.



This preview shows how white text looks on a background with the YUV color 183.8980, -59.1097, 12.3675.

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

183.8980, -59.1097, 12.3675

Protanopia

185.8290, -61.0477, 27.3370

Deuteranopia

188.0470, -58.1972, 46.4398



Tritanopia

195.5870, 3.1616, 12.6402

Trichromacy



Original Color

183.8980, -59.1097, 12.3675

Protanomaly

185.0240, -60.1578, 21.9040

Deuteranomaly

186.5570, -58.4486, 33.7145

Tritanomaly

191.6260, -19.5356, 12.6060

Monochromacy



Original Color

183.8980, -59.1097, 12.3675

Achromatopsia

184.0000, 0.0000, 0.0000

Achromatomaly

184.0010, -21.6925, 4.3841

CSS Examples

Text

The CSS property to change the color of the text to YUV 183.8980, -59.1097, 12.3675 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(198, 200, 64)` looks like.

```
.text, #text, p{  
    color:rgb(198, 200, 64)  
}
```

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(198, 200, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 200, 64) }
```

Border

The CSS property to change the border of an element to YUV 183.8980, -59.1097, 12.3675 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(198, 200, 64) }
```


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

```
.border{ border-color:rgb(198, 200, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 200, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 200, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 200, 64);  
box-shadow:4px 4px 4px 4px rgb(198, 200,  
64) }
```

Background

The CSS property to change the background color of an element to YUV 183.8980, -59.1097, 12.3675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 200, 64) }
```

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

```
.background{ background-color: rgb(198,  
200, 64) }
```

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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