

Converting Colors

YUV(186.5070, -59.4100,
15.3414)

Have a look what the booklet for
YUV(186.5070, -59.4100, 15.3414)
contains.

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Color

**YUV(186.5070, -59.4100,
15.3414)**

Conversions

Conversions Part 1

Format	Color
Hex	CCC942
RGB	204, 201, 66
RGB Percent	80%, 79%, 26%
CMY	0.2000, 0.2118, 0.7412
CMYK	0.00, 0.01, 0.68, 0.20
HSL	59°, 58%, 53%
HSV	59°, 68%, 80%
XYZ	46.7719, 55.0040, 13.3060
YIQ	186.5070, 45.1230, -41.3490

Conversions

Conversions Part 2

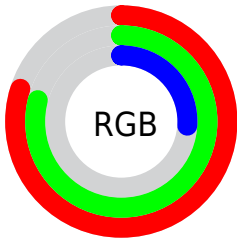
Format	Color
R _Y B	69, 204, 66
Decimal	13420866
CIE Lab	79.04, -14.92, 64.62
CIE LCh	79, 66.320, 103.004
Yxy	55.0040, 0.4064, 0.4780
Android (android.graphics.Color)	4291610946 (0xFFCCC942)
YUV	186.5070, -59.4100, 15.3414
Hunter-Lab	74.1647, -17.2174, 41.2780

Details

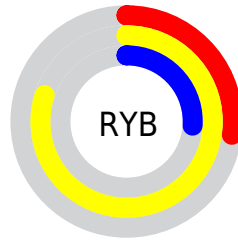
The YUV color **186.5070, -59.4100, 15.3414** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **83.4930, 59.4100, -15.3414**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.7240, -58.5309, 13.3971**, and **129.9430, -64.0619, 14.0820** is the 20% darker color. If you saturate the color by 10%, you get **184.2270, -68.1459, 17.3409**, and if you desaturate by 10%, it is **188.7870, -50.6740, 13.3418**.

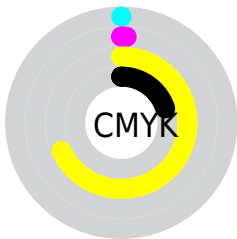
Distribution



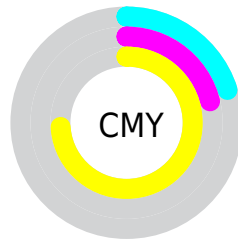
- Red (80%)
- Green (79%)
- Blue (26%)



- Red (27%)
- Yellow (80%)
- Blue (26%)



- Cyan (0%)
- Magenta (1%)
- Yellow (68%)
- Black (20%)



- Cyan (20%)
- Magenta (21%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.5070, -59.4100, 15.3414 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 186.5070, -59.4100, 15.3414 by changing the saturation by 10% instead.

■ 186.5070,
-59.4100, 15.3414

■ 186.5070,
-59.4100, 15.3414

■ 255.0000, 0.0000,
0.0000

■ 158.5670,
-60.4255, 14.4117

■ 239.7240,
-58.5309, 13.3971

■ 129.9430,
-64.0619, 14.0820

■ 242.9160,
-46.3006, 10.5977

■ 106.8960,
-52.6997, 9.7382

■ 246.1080,
-34.0702, 7.7983

■ 84.1480, -41.4850,
6.0092

■ 249.4140,
-21.4031, 4.8989

■ 61.9870, -30.5596,
1.7654

■ 252.7200, -8.7360,
1.9996

■ 41.2990, -20.3604,
-2.8932

■ 21.1980, -10.4506,

-8.0666

■ 0.0000, 0.0000,
0.0000

■ 186.5070,
-59.4100, 15.3414

■ 186.5070,
-59.4100, 15.3414

■ 184.2270,
-68.1459, 17.3409

■ 188.7870,
-50.6740, 13.3418

■ 181.2460,
-77.0293, 19.9553

■ 191.7680,
-41.7906, 10.7275

■ 178.9660,
-85.7652, 21.9548

■ 194.0480,
-33.0547, 8.7279

■ 178.3960,
-87.9492, 22.4547

■ 197.0290,
-24.1713, 6.1136

■ 199.3090,
-15.4353, 4.1140

■ 202.1760, -6.9888,
1.5996

■ 204.5700, 2.1840,
-0.4999

■ 207.4370, 10.6306,
-3.0142

■ 209.8310, 19.8033,
-5.1138

Harmonies

Analogous

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



190.2270, -57.7929, 56.8059



186.5070, -59.4100, 15.3414



178.6710, -38.2918, -38.2995

Triad

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



186.5070, -59.4100, 15.3414



159.9710, 46.8493, -140.2946



188.5090, 21.9341, 58.3126

Complementary

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



186.5070, -59.4100, 15.3414



83.4930, 59.4100, -15.3414

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.



197.6520, 28.2726, 31.8772



186.5070, -59.4100, 15.3414



153.5140, 50.0326, -134.6318

Square

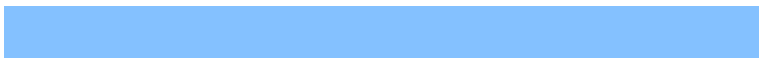
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



186.5070, -59.4100, 15.3414



157.9700, 31.5668, -138.5397



181.8290, 36.0733, -43.7000



178.5060, -3.7005, 67.0852

Rectangle

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



186.5070, -59.4100, 15.3414



165.6660, -14.1323, -87.4071



181.8290, 36.0733, -43.7000



194.3110, 28.9337, 53.2243

Sweetspot

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



186.5070, -59.4100, 15.3414



248.5990, -21.9873, 5.6137



107.8320, -18.1582, 84.3393



123.8790, -13.2513, 3.6141



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.



186.5070, -59.4100, 15.3414



229.0540, -89.2596, 22.7546



169.1320, -50.8441, -25.5488



100.8600, -4.3680, 0.9998



144.7280, -71.3509, 18.6555



33.0810, -16.3089, 4.3140

Inverse Universe

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



83.4930, 59.4100, -15.3414



74.5330, 88.9702, -23.2694



100.8680, 50.8441, 25.5488



93.1400, 4.3680, -0.9998



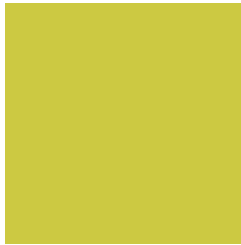
21.2720, 71.3509, -18.6555



4.9190, 16.3089, -4.3140

Previews

White Background



This preview shows how the YUV color 186.5070, -59.4100, 15.3414 looks on a white background.

Color Contrast Check

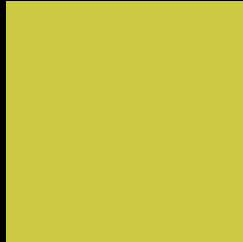
Large Text (above 18pt) WCAG AA × Fail

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 186.5070, -59.4100, 15.3414 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 186.5070, -59.4100, 15.3414 Background



This preview shows how black text looks on a background with the YUV color 186.5070, -59.4100, 15.3414.



This preview shows how white text looks on a background with the YUV color 186.5070, -59.4100, 15.3414.

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

186.5070, -59.4100, 15.3414

Protanopia

187.9430, -60.6109, 27.2370

Deuteranopia

190.2320, -58.7814, 47.1545



Tritanopia

198.0820, 2.4246, 15.7141

Trichromacy



Original Color

186.5070, -59.4100, 15.3414

Protanomaly

187.6220, -60.4526, 23.1335

Deuteranomaly

188.4540, -58.8908, 35.5588

Tritanomaly

194.1210, -20.2727, 15.6799

Monochromacy



Original Color

186.5070, -59.4100, 15.3414

Achromatopsia

187.0000, 0.0000, 0.0000

Achromatomaly

186.7130, -21.5505, 5.5137

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.5070, -59.4100, 15.3414 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, 201, 66)` looks like.

```
.text, #text, p{  
    color:rgb(204, 201, 66)  
}
```

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, 201, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 201, 66) }
```

Border

The CSS property to change the border of an element to YUV 186.5070, -59.4100, 15.3414 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, 201, 66) }
```


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

```
.border{ border-color:rgb(204, 201, 66) }
```

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

Here you see how a box with a 4 pixel rgb(204, 201, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 201, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 201, 66);  
box-shadow:4px 4px 4px 4px rgb(204, 201,  
66) }
```

Background

The CSS property to change the background color of an element to YUV 186.5070, -59.4100, 15.3414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 201, 66) }
```

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

```
.background{ background-color: rgb(204,  
201, 66) }
```

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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