

Converting Colors

YUV(186.5580, -66.8301,
15.2966)

Have a look what the booklet for
YUV(186.5580, -66.8301, 15.2966)
contains.

YUV(186.5580, -66.8301, 15.2966)	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(186.5580, -66.8301,
15.2966)**

Conversions

Conversions Part 1

Format	Color
Hex	C4CC33
RGB	204, 204, 51
RGB Percent	80%, 80%, 20%
CMY	0.2000, 0.2000, 0.8000
CMYK	0.00, 0.00, 0.75, 0.20
HSL	60°, 60%, 50%
HSV	60°, 75%, 80%
XYZ	47.0922, 56.2621, 11.5096
YIQ	186.5580, 49.1130, -47.5830

Conversions

Conversions Part 2

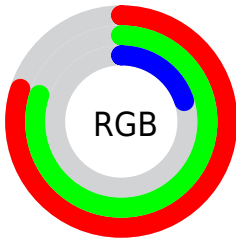
Format	Color
RYB	51, 204, 51
Decimal	13421619
CIELab	79.76, -17.12, 70.54
CIELCh	80, 72.592, 103.645
Yxy	56.2621, 0.4100, 0.4898
Android (android.graphics.Color)	4291611699 (0xFFCCCC33)
YUV	186.5580, -66.8301, 15.2966
Hunter-Lab	75.0081, -19.1967, 43.4079

Details

The YUV color **186.5580, -66.8301, 15.2966** 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 **68.4420, 66.8301, -15.2966**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.3560, -63.7725, 14.5968**, and **131.7040, -64.9301, 12.5376** is the 20% darker color. If you saturate the color by 10%, you get **184.2780, -75.5661, 17.2962**, and if you desaturate by 10%, it is **188.8380, -58.0941, 13.2971**.

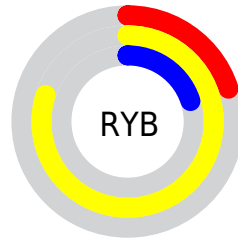
Distribution



Red (80%)

Green (80%)

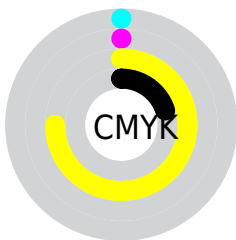
Blue (20%)



Red (20%)

Yellow (80%)

Blue (20%)

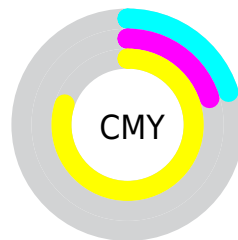


Cyan (0%)

Magenta (0%)

Yellow (75%)

Black (20%)



Cyan (20%)

Magenta (20%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.5580, -66.8301, 15.2966 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 186.5580, -66.8301, 15.2966 by changing the saturation by 10% instead.

■ 186.5580,
-66.8301, 15.2966

■ 186.5580,
-66.8301, 15.2966

255.0000, 0.0000,
0.0000

■ 157.2500,
-73.0872, 15.5668

■ 238.3560,
-63.7725, 14.5968

■ 131.7040,
-64.9301, 12.5376

■ 241.5480,
-51.5422, 11.7974

■ 108.0700,
-53.2785, 8.7086

■ 244.8540,
-38.8750, 8.8980

■ 85.6100, -42.2057,
3.8500

■ 248.0460,
-26.6447, 6.0987

■ 63.4490, -31.2804,
-0.3938

■ 251.3520,
-13.9775, 3.1993

■ 42.1740, -20.7918,
-4.5376

254.7720, -0.8736,

■ 21.7740, -10.7346,

0.2000

-10.3258

■ 0.0000, 0.0000,
0.0000

■ 186.5580,
-66.8301, 15.2966

■ 186.5580,
-66.8301, 15.2966

■ 184.2780,
-75.5661, 17.2962

■ 188.8380,
-58.0941, 13.2971

■ 181.8840,
-84.7388, 19.3957

■ 191.2320,
-48.9214, 11.1975

■ 180.7440,
-89.1068, 20.3955

■ 193.5120,
-40.1854, 9.1980

■ 195.9060,
-31.0127, 7.0984

■ 198.1860,
-22.2767, 5.0989

■ 200.4660,
-13.5407, 3.0993

■ 202.8600, -4.3680,
0.9998

■ 205.1400, 4.3680,
-0.9998

■ 207.5340, 13.5407,
-3.0993

Harmonies

Analogous

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



189.3320, -63.7607, 57.5908



186.5580, -66.8301, 15.2966



177.1280, -41.4751, -43.9623

Triad

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



186.5580, -66.8301, 15.2966



162.3190, 45.6917, -142.3538



185.5570, 25.8544, 60.9015

Complementary

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



186.5580, -66.8301, 15.2966



68.4420, 66.8301, -15.2966

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.



198.5710, 27.8195, 37.2102



186.5580, -66.8301, 15.2966



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.



186.5580, -66.8301, 15.2966



161.0020, 33.0300, -141.1988



180.9100, 36.5264, -49.0331



174.7560, -2.8377, 70.3740

Rectangle

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



186.5580, -66.8301, 15.2966



156.4240, -10.5620, -112.6278



180.9100, 36.5264, -49.0331



192.1910, 30.9648, 55.0835

Sweetspot

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



186.5580, -66.8301, 15.2966



248.2740, -25.7711, 5.8987



96.7470, -22.5533, 94.0609



123.8960, -15.7247, 3.5992



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.



186.5580, -66.8301, 15.2966



228.7800, -100.4635, 22.9949



163.8340, -55.6272, -31.4264



100.8600, -4.3680, 0.9998



147.0760, -72.5085, 16.5963



33.6680, -16.5983, 3.7992

Inverse Universe

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



68.4420, 66.8301, -15.2966



51.2200, 100.4635, -22.9949



91.4650, 55.4798, 32.0412



93.1400, 4.3680, -0.9998



18.9240, 72.5085, -16.5963



4.3320, 16.5983, -3.7992

Previews

White Background



This preview shows how the YUV color 186.5580, -66.8301, 15.2966 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 186.5580, -66.8301, 15.2966 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 186.5580, -66.8301, 15.2966

Background



This preview shows how black text looks on a background with the YUV color 186.5580, -66.8301, 15.2966.



This preview shows how white text looks on a background with the YUV color 186.5580, -66.8301, 15.2966.

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

186.5580, -66.8301, 15.2966

Protanopia

188.1900, -68.6207, 29.6514

Deuteranopia

191.1200, -65.6282, 49.8838



Tritanopia

199.7830, 2.5720, 15.0993

Trichromacy



Original Color

186.5580, -66.8301, 15.2966

Protanomaly

187.3850, -67.7308, 24.2184

Deuteranomaly

189.5160, -66.3164, 37.2585

Tritanomaly

194.8390, -22.5986, 15.0502

Monochromacy



Original Color

186.5580, -66.8301, 15.2966

Achromatopsia

187.0000, 0.0000, 0.0000

Achromatomaly

186.7300, -24.0239, 5.4988

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.5580, -66.8301, 15.2966 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, 204, 51)` looks like.

```
.text, #text, p{  
    color:rgb(204, 204, 51)  
}
```

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, 204, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 204, 51) }
```

Border

The CSS property to change the border of an element to YUV 186.5580, -66.8301, 15.2966 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, 204, 51) }
```


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

```
.border{ border-color:rgb(204, 204, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 204, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 204, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 204, 51);  
box-shadow:4px 4px 4px 4px rgb(204, 204,  
51) }
```

Background

The CSS property to change the background color of an element to YUV 186.5580, -66.8301, 15.2966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 204, 51) }
```

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

```
.background{ background-color: rgb(204,  
204, 51) }
```

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