

Converting Colors

YUV(185.7690, -63.4831,
15.1116)

Have a look what the booklet for
YUV(185.7690, -63.4831, 15.1116)
contains.

YUV(185.7690, -63.4831, 15.1116)	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(185.7690, -63.4831,
15.1116)**

Conversions

Conversions Part 1

Format	Color
Hex	CBCA39
RGB	203, 202, 57
RGB Percent	80%, 79%, 22%
CMY	0.2039, 0.2078, 0.7765
CMYK	0.00, 0.00, 0.72, 0.20
HSL	60°, 58%, 51%
HSV	60°, 72%, 80%
XYZ	46.4877, 55.2330, 12.0818
YIQ	185.7690, 47.1410, -44.8830

Conversions

Conversions Part 2

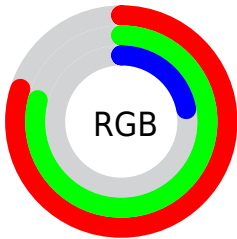
Format	Color
RYB	58, 203, 57
Decimal	13355577
CIELab	79.18, -16.29, 67.99
CIElCh	79, 69.914, 103.476
Yxy	55.2330, 0.4085, 0.4853
Android (android.graphics.Color)	4291545657 (0xFFCBCA39)
YUV	185.7690, -63.4831, 15.1116
Hunter-Lab	74.3189, -18.4035, 42.3847

Details

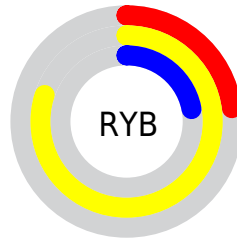
The YUV color **185.7690, -63.4831, 15.1116** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **74.2310, 63.4831, -15.1116**, and the grayscale version is **186.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.9260, -61.5885, 14.0969**, and **130.2310, -64.2039, 12.9524** is the 20% darker color. If you saturate the color by 10%, you get **183.4890, -72.2191, 17.1111**, and if you desaturate by 10%, it is **188.0490, -54.7472, 13.1120**.

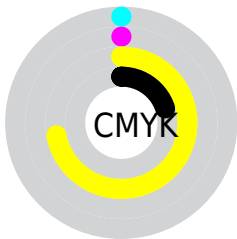
Distribution



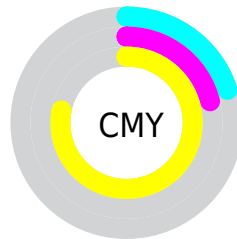
- Red (80%)
- Green (79%)
- Blue (22%)



- Red (23%)
- Yellow (80%)
- Blue (22%)



- Cyan (0%)
- Magenta (0%)
- Yellow (72%)
- Black (20%)



- Cyan (20%)
- Magenta (21%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 185.7690, -63.4831, 15.1116 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 185.7690, -63.4831, 15.1116 by changing the saturation by 10% instead.

■ 185.7690,
-63.4831, 15.1116

■ 185.7690,
-63.4831, 15.1116

■ 255.0000, 0.0000,
0.0000

■ 157.2590,
-66.6827, 14.6819

■ 238.9260,
-61.5885, 14.0969

■ 130.2310,
-64.2039, 12.9524

■ 242.1180,
-49.3582, 11.2975

■ 107.1840,
-52.8417, 8.6086

■ 245.3100,
-37.1278, 8.4981

■ 84.4360, -41.6269,
4.8796

■ 248.5020,
-24.8975, 5.6987

■ 62.2750, -30.7016,
0.6358

■ 251.9220,
-11.7935, 2.6994

■ 41.5870, -20.5024,
-4.0228

■ 20.8880, -10.2978,

-10.4258

■ 0.0000, 0.0000,
0.0000

■ 185.7690,
-63.4831, 15.1116

■ 185.7690,
-63.4831, 15.1116

■ 183.4890,
-72.2191, 17.1111

■ 188.0490,
-54.7472, 13.1120

■ 181.0950,
-81.3918, 19.2107

■ 190.4430,
-45.5744, 11.0125

■ 179.2710,
-88.3806, 20.8103

■ 192.7230,
-36.8384, 9.0129

■ 195.5900,
-28.3919, 6.4986

■ 197.9840,
-19.2191, 4.3990

■ 200.2640,
-10.4832, 2.3995

■ 202.5440, -1.7472,
0.3999

■ 204.8240, 6.9888,
-1.5996

■ 207.2180, 16.1615,
-3.6992

Harmonies

Analogous

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



189.3150, -61.2873, 57.6057



185.7690, -63.4831, 15.1116



177.1930, -40.0281, -41.3883

Triad

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



185.7690, -63.4831, 15.1116



160.5580, 46.5599, -140.8094



186.3890, 23.9652, 60.1718

Complementary

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



185.7690, -63.4831, 15.1116



74.2310, 63.4831, -15.1116

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.



197.3750, 28.4091, 34.7511



185.7690, -63.4831, 15.1116



154.1010, 49.7432, -135.1466

Square

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



185.7690, -63.4831, 15.1116



159.3720, 31.8616, -139.7692



180.6330, 36.6629, -46.1591



175.9300, -3.4165, 69.3444

Rectangle

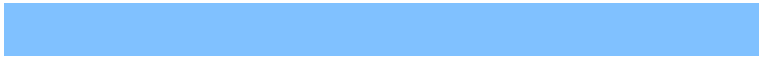
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



185.7690, -63.4831, 15.1116



160.0450, -12.3472, -100.0175



180.6330, 36.6629, -46.1591



192.7780, 30.6754, 54.5687

Sweetspot

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



185.7690, -63.4831, 15.1116



248.6160, -24.4607, 5.5988



100.8820, -20.6478, 89.5575



123.5370, -14.5617, 3.9141



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.



185.7690, -63.4831, 15.1116



228.8600, -95.0800, 22.9248



165.1270, -53.3066, -29.0524



100.8600, -4.3680, 0.9998



146.4890, -72.2191, 17.1111



33.6680, -16.5983, 3.7992

Inverse Universe

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



74.2310, 63.4831, -15.1116



61.5530, 95.3694, -22.4100



94.8730, 53.3066, 29.0524



93.1400, 4.3680, -0.9998



19.5110, 72.2191, -17.1111



4.3320, 16.5983, -3.7992

Previews

White Background



This preview shows how the YUV color 185.7690, -63.4831, 15.1116 looks on a white background.

Color Contrast Check

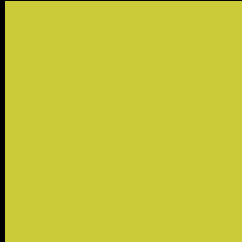
Large Text (above 18pt) WCAG AA × Fail

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 185.7690, -63.4831, 15.1116 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 185.7690, -63.4831, 15.1116

Background



This preview shows how black text looks on a background with the YUV color 185.7690, -63.4831, 15.1116.



This preview shows how white text looks on a background with the YUV color 185.7690, -63.4831, 15.1116.

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

185.7690, -63.4831, 15.1116

Protanopia

187.2160, -64.6895, 28.7516

Deuteranopia

189.6190, -62.4232, 48.5691



Tritanopia

198.6690, 2.1352, 15.1993

Trichromacy



Original Color

185.7690, -63.4831, 15.1116

Protanomaly

186.5960, -64.3838, 24.0333

Deuteranomaly

188.4280, -62.8220, 36.4586

Tritanomaly

194.0670, -21.7250, 14.8502

Monochromacy



Original Color

185.7690, -63.4831, 15.1116

Achromatopsia

186.0000, 0.0000, 0.0000

Achromatomaly

185.9580, -23.1503, 5.2988

CSS Examples

Text

The CSS property to change the color of the text to YUV 185.7690, -63.4831, 15.1116 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(203, 202, 57)` looks like.

```
.text, #text, p{  
    color:rgb(203, 202, 57)  
}
```

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(203, 202, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 202, 57) }
```

Border

The CSS property to change the border of an element to YUV 185.7690, -63.4831, 15.1116 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(203, 202, 57) }
```


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

```
.border{ border-color:rgb(203, 202, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 202, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 202, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 202, 57);  
box-shadow:4px 4px 4px 4px rgb(203, 202,  
57) }
```

Background

The CSS property to change the background color of an element to YUV 185.7690, -63.4831, 15.1116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 202, 57) }
```

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

```
.background{ background-color: rgb(203,  
202, 57) }
```

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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