

Converting Colors

YUV(185.4550, -63.8213,
30.2960)

Have a look what the booklet for
YUV(185.4550, -63.8213, 30.2960)
contains.

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Color

**YUV(185.4550, -63.8213,
30.2960)**

Conversions

Conversions Part 1

Format	Color
Hex	DCC138
RGB	220, 193, 56
RGB Percent	86%, 76%, 22%
CMY	0.1373, 0.2431, 0.7804
CMYK	0.00, 0.12, 0.75, 0.14
HSL	50°, 70%, 54%
HSV	50°, 75%, 86%
XYZ	49.2990, 53.6411, 11.4968
YIQ	185.4550, 60.0690, -36.8830

Conversions

Conversions Part 2

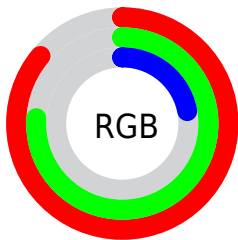
Format	Color
R _Y B	88, 220, 56
Decimal	14467384
CIE Lab	78.25, -4.53, 67.97
CIE LCh	78, 68.124, 93.810
Yxy	53.6411, 0.4308, 0.4687
Android (android.graphics.Color)	4292657464 (0xFFDCC138)
YUV	185.4550, -63.8213, 30.2960
Hunter-Lab	73.2401, -8.0192, 41.9610

Details

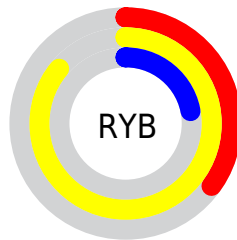
The YUV color **185.4550, -63.8213, 30.2960** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **90.5450, 63.8213, -30.2960**, and the grayscale version is **186.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.1760, -60.7258, 17.3856**, and **130.3190, -64.2473, 26.9072** is the 20% darker color. If you saturate the color by 10%, you get **180.5990, -72.2733, 34.5547**, and if you desaturate by 10%, it is **190.3110, -55.3693, 26.0373**.

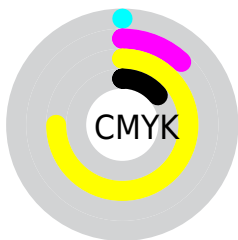
Distribution



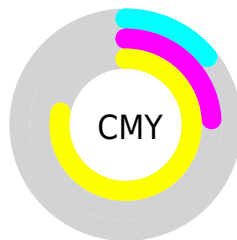
- Red (86%)
- Green (76%)
- Blue (22%)



- Red (35%)
- Yellow (86%)
- Blue (22%)



- Cyan (0%)
- Magenta (12%)
- Yellow (75%)
- Black (14%)



- Cyan (14%)
- Magenta (24%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 185.4550, -63.8213, 30.2960 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 185.4550, -63.8213, 30.2960 by changing the saturation by 10% instead.

■ 185.4550,
-63.8213, 30.2960

■ 185.4550,
-63.8213, 30.2960

■ 255.0000, 0.0000,
0.0000

■ 156.7600,
-66.4367, 29.1515

■ 235.1760,
-60.7258, 17.3856

■ 130.3190,
-64.2473, 26.9072

■ 241.8900,
-50.2318, 11.4975

■ 106.9730,
-52.7377, 21.9487

■ 245.0820,
-38.0014, 8.6981

■ 84.2250, -41.5229,
18.2197

■ 248.3880,
-25.3343, 5.7987

■ 62.3520, -30.7395,
12.8463

■ 251.6940,
-12.6671, 2.8994

■ 41.6640, -20.5404,
8.1877

■ 22.4490, -11.0674,

3.1142

■ 0.0000, 0.0000,
0.0000

■ 185.4550,
-63.8213, 30.2960

■ 185.4550,
-63.8213, 30.2960

■ 180.5990,
-72.2733, 34.5547

■ 190.3110,
-55.3693, 26.0373

■ 176.3300,
-81.0147, 38.2986

■ 194.5800,
-46.6279, 22.2933

■ 173.7880,
-85.6775, 40.5279

■ 199.4360,
-38.1759, 18.0346

■ 203.7050,
-29.4346, 14.2907

■ 208.5610,
-20.9826, 10.0320

■ 213.4170,
-12.5306, 5.7733

■ 217.6860, -3.7892,
2.0294

■ 222.5420, 4.6628,
-2.2293

■ 227.3980, 13.1148,
-6.4880

Harmonies

Analogous

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



184.9270, -52.7150, 61.4540



185.4550, -63.8213, 30.2960



178.8490, -48.2396, -20.9156

Triad

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



185.4550, -63.8213, 30.2960



159.9710, 46.8493, -140.2946



191.7350, 29.2176, 55.4834

Complementary

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



185.4550, -63.8213, 30.2960



90.5450, 63.8213, -30.2960

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.



192.5140, 30.8056, 12.7042



185.4550, -63.8213, 30.2960



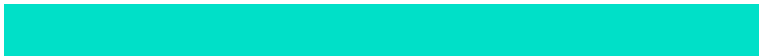
155.2750, 49.1644, -136.1762

Square

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



185.4550, -63.8213, 30.2960



154.2880, 22.5360, -135.3106



164.7310, 44.5026, -87.4641



176.9220, 5.4615, 68.4744

Rectangle

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



185.4550, -63.8213, 30.2960



169.4920, -26.8646, -63.5755



164.7310, 44.5026, -87.4641



196.8870, 28.6497, 50.9651

Sweetspot

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



185.4550, -63.8213, 30.2960



243.3330, -21.8562, 10.2320



108.1140, -12.3812, 98.1240



120.6020, -13.1148, 6.4880



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.



185.4550, -63.8213, 30.2960



207.4030, -88.4457, 41.7426



184.8590, -63.5275, -17.4163



107.5720, -4.2260, 2.1294



136.8420, -67.4631, 31.7106



36.0600, -17.7776, 8.7174

Inverse Universe

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



90.5450, 63.8213, -30.2960



75.5970, 88.4457, -41.7426



91.1410, 63.5275, 17.4163



100.8410, 4.5154, -1.6146



36.7450, 67.1737, -32.2254



9.9400, 17.7776, -8.7174

Previews

White Background



This preview shows how the YUV color 185.4550, -63.8213, 30.2960 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 185.4550, -63.8213, 30.2960 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 185.4550, -63.8213, 30.2960

Background



This preview shows how black text looks on a background with the YUV color 185.4550, -63.8213, 30.2960.



This preview shows how white text looks on a background with the YUV color 185.4550, -63.8213, 30.2960.

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

185.4550, -63.8213, 30.2960

Protanopia

185.1450, -63.6685, 27.9368

Deuteranopia

187.5050, -62.8600, 48.6691



Tritanopia

196.5460, -1.2552, 29.3392

Trichromacy



Original Color

185.4550, -63.8213, 30.2960

Protanomaly

185.4440, -63.8159, 28.5516

Deuteranomaly

186.7600, -62.9857, 42.3065

Tritanomaly

192.5850, -23.9524, 29.3050

Monochromacy



Original Color

185.4550, -63.8213, 30.2960

Achromatopsia

185.0000, 0.0000, 0.0000

Achromatomaly

185.2900, -23.3140, 11.1467

CSS Examples

Text

The CSS property to change the color of the text to YUV 185.4550, -63.8213, 30.2960 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(220, 193, 56)` looks like.

```
.text, #text, p{  
    color:rgb(220, 193, 56)  
}
```

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(220, 193, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 193, 56) }
```

Border

The CSS property to change the border of an element to YUV 185.4550, -63.8213, 30.2960 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(220, 193, 56) }
```


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

```
.border{ border-color:rgb(220, 193, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 193, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 193, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 193, 56);  
box-shadow:4px 4px 4px 4px rgb(220, 193,  
56) }
```

Background

The CSS property to change the background color of an element to YUV 185.4550, -63.8213, 30.2960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 193, 56) }
```

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

```
.background{ background-color: rgb(220,  
193, 56) }
```

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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