

Converting Colors

YUV(177.8720, -63.0409,
13.2673)

Have a look what the booklet for
YUV(177.8720, -63.0409, 13.2673)
contains.

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Color

**YUV(177.8720, -63.0409,
13.2673)**

Conversions

Conversions Part 1

Format	Color
Hex	C1C332
RGB	193, 195, 50
RGB Percent	76%, 76%, 20%
CMY	0.2431, 0.2353, 0.8039
CMYK	0.01, 0.00, 0.74, 0.24
HSL	61°, 59%, 48%
HSV	61°, 74%, 76%
XYZ	42.0831, 50.5980, 10.5660
YIQ	177.8720, 45.3530, -45.5190

Conversions

Conversions Part 2

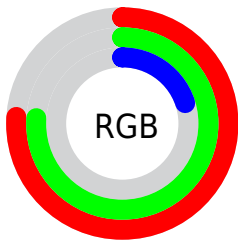
Format	Color
RYB	50, 195, 52
Decimal	12698418
CIELab	76.43, -17.34, 67.46
CIELCh	76, 69.656, 104.412
Yxy	50.5980, 0.4076, 0.4901
Android (android.graphics.Color)	4290888498 (0xFFC1C332)
YUV	177.8720, -63.0409, 13.2673
Hunter-Lab	71.1322, -18.8775, 40.9856

Details

The YUV color **177.8720, -63.0409, 13.2673** 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 **67.1280, 63.0409, -13.2673**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.8830, -63.0463, 15.0116**, and **124.0180, -61.1409, 10.5082** is the 20% darker color. If you saturate the color by 10%, you get **175.5920, -71.7769, 15.2668**, and if you desaturate by 10%, it is **180.0380, -54.7417, 11.3677**.

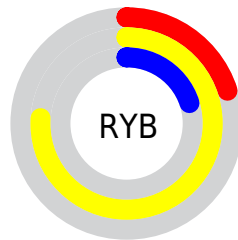
Distribution



Red (76%)

Green (76%)

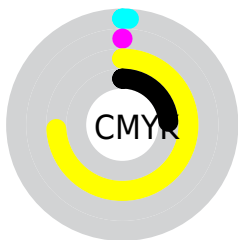
Blue (20%)



Red (20%)

Yellow (76%)

Blue (20%)

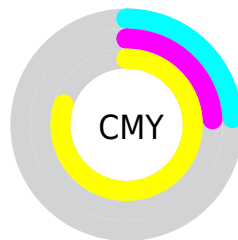


Cyan (1%)

Magenta (0%)

Yellow (74%)

Black (24%)



Cyan (24%)

Magenta (24%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.8720, -63.0409, 13.2673 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 177.8720, -63.0409, 13.2673 by changing the saturation by 10% instead.

■ 177.8720,
-63.0409, 13.2673

■ 177.8720,
-63.0409, 13.2673

■ 255.0000, 0.0000,
0.0000

■ 148.7920,
-68.4245, 13.3374

■ 234.8830,
-63.0463, 15.0116

■ 124.0180,
-61.1409, 10.5082

■ 241.3200,
-52.4158, 11.9974

■ 100.3840,
-49.4893, 6.6792

■ 244.5120,
-40.1854, 9.1980

■ 78.2230, -38.5639,
2.4354

■ 247.8180,
-27.5183, 6.2986

■ 56.0620, -27.6386,
-1.8084

■ 251.1240,
-14.8511, 3.3993

■ 35.3740, -17.4394,
-6.4670

■ 254.4300, -2.1840,

■ 15.8490, -7.8136,

0.4999

-13.8996

■ 0.0000, 0.0000,
0.0000

■ 177.8720,
-63.0409, 13.2673

■ 177.8720,
-63.0409, 13.2673

■ 175.5920,
-71.7769, 15.2668

■ 180.0380,
-54.7417, 11.3677

■ 173.1270,
-79.9286, 16.5516

■ 182.6170,
-46.1532, 9.9829

■ 171.8730,
-84.7334, 17.6514

■ 184.8970,
-37.4172, 7.9833

■ 187.0630,
-29.1181, 6.0837

■ 189.2290,
-20.8189, 4.1842

■ 191.8080,
-12.2303, 2.7994

■ 193.9740, -3.9312,
0.8998

■ 196.2540, 4.8048,
-1.0998

■ 198.4200, 13.1039,
-2.9993

Harmonies

Analogous

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



182.7990, -62.0189, 58.9353



177.8720, -63.0409, 13.2673



169.5240, -38.7123, -43.4325

Triad

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



177.8720, -63.0409, 13.2673



155.8620, 48.8750, -136.6910



180.5530, 21.9124, 65.2900

Complementary

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



177.8720, -63.0409, 13.2673



67.1280, 63.0409, -13.2673

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.



191.1840, 31.4613, 35.7956



177.8720, -63.0409, 13.2673



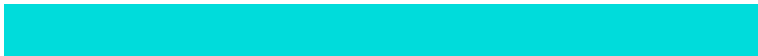
149.4050, 52.0583, -131.0282

Square

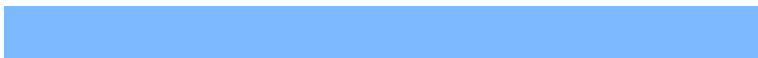
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



177.8720, -63.0409, 13.2673



154.1060, 31.9927, -135.1510



174.7410, 39.5677, -44.4999



170.2080, -5.0325, 74.3626

Rectangle

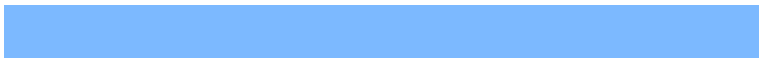
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



177.8720, -63.0409, 13.2673



147.0050, -8.3835, -111.3834



174.7410, 39.5677, -44.4999



186.9420, 28.6226, 59.6869

Sweetspot

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



177.8720, -63.0409, 13.2673



245.7300, -24.0239, 5.4988



93.3550, -21.3740, 89.1427



123.8250, -14.7037, 2.7845



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.



177.8720, -63.0409, 13.2673



225.5670, -97.4005, 20.5507



156.6430, -52.5750, -30.3819



95.8600, -4.3680, 0.9998



141.7490, -69.8823, 14.2521



29.2380, -14.4143, 3.2993

Inverse Universe

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



67.1280, 63.0409, -13.2673



54.4330, 97.4005, -20.5507



88.0580, 52.7224, 29.7671



88.1400, 4.3680, -0.9998



18.9520, 70.0297, -14.8669



3.7620, 14.4143, -3.2993

Previews

White Background



This preview shows how the YUV color 177.8720, -63.0409, 13.2673 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 177.8720, -63.0409, 13.2673 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 177.8720, -63.0409, 13.2673

Background



This preview shows how black text looks on a background with the YUV color 177.8720, -63.0409, 13.2673.



This preview shows how white text looks on a background with the YUV color 177.8720, -63.0409, 13.2673.

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

177.8720, -63.0409, 13.2673

Protanopia

179.8030, -64.9789, 28.2368

Deuteranopia

182.1350, -61.6916, 47.2396



Tritanopia

190.4730, 2.7248, 12.7402

Trichromacy



Original Color

177.8720, -63.0409, 13.2673

Protanomaly

178.9980, -64.0890, 22.8038

Deuteranomaly

180.5310, -62.3798, 34.6143

Tritanomaly

186.1700, -21.2828, 13.0059

Monochromacy



Original Color

177.8720, -63.0409, 13.2673

Achromatopsia

178.0000, 0.0000, 0.0000

Achromatomaly

177.6590, -23.0029, 4.6841

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.8720, -63.0409, 13.2673 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(193, 195, 50)` looks like.

```
.text, #text, p{  
    color:rgb(193, 195, 50)  
}
```

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(193, 195, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 195, 50) }
```

Border

The CSS property to change the border of an element to YUV 177.8720, -63.0409, 13.2673 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(193, 195, 50) }
```


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

```
.border{ border-color:rgb(193, 195, 50) }
```

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

Here you see how a box with a 4 pixel rgb(193, 195, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 195, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 195, 50);  
box-shadow:4px 4px 4px 4px rgb(193, 195,  
50) }
```

Background

The CSS property to change the background color of an element to YUV 177.8720, -63.0409, 13.2673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 195, 50) }
```

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

```
.background{ background-color: rgb(193,  
195, 50) }
```

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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