

Converting Colors

YUV(172.5990, -58.9623,
11.7527)

Have a look what the booklet for
YUV(172.5990, -58.9623, 11.7527)
contains.

YUV(172.5990, -58.9623, 11.7527)	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(172.5990, -58.9623,
11.7527)**

Conversions

Conversions Part 1

Format	Color
Hex	BABD35
RGB	186, 189, 53
RGB Percent	73%, 74%, 21%
CMY	0.2706, 0.2588, 0.7922
CMYK	0.02, 0.00, 0.72, 0.26
HSL	61°, 56%, 47%
HSV	61°, 72%, 74%
XYZ	39.0899, 47.0913, 10.3974
YIQ	172.5990, 41.8680, -42.9320

Conversions

Conversions Part 2

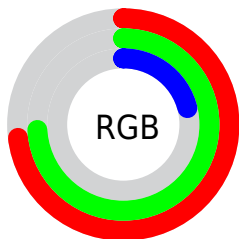
Format	Color
RYB	53, 189, 56
Decimal	12238133
CIELab	74.25, -17.17, 64.18
CIELCh	74, 66.442, 104.976
Yxy	47.0913, 0.4047, 0.4876
Android (android.graphics.Color)	4290428213 (0xFFBABD35)
YUV	172.5990, -58.9623, 11.7527
Hunter-Lab	68.6231, -18.4112, 39.0529

Details

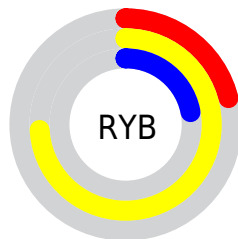
The YUV color **172.5990, -58.9623, 11.7527** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **69.4010, 58.9623, -11.7527**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.4960, -59.4045, 13.5970**, and **118.4030, -58.3727, 9.2936** is the 20% darker color. If you saturate the color by 10%, you get **170.4330, -67.2615, 13.6523**, and if you desaturate by 10%, it is **174.7650, -50.6631, 9.8531**.

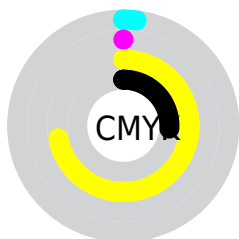
Distribution



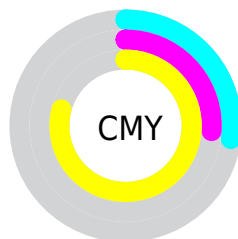
- Red (73%)
- Green (74%)
- Blue (21%)



- Red (21%)
- Yellow (74%)
- Blue (22%)



- Cyan (2%)
- Magenta (0%)
- Yellow (72%)
- Black (26%)



- Cyan (27%)
- Magenta (26%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.5990, -58.9623, 11.7527 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 172.5990, -58.9623, 11.7527 by changing the saturation by 10% instead.

■ 172.5990,
-58.9623, 11.7527

■ 172.5990,
-58.9623, 11.7527

■ 255.0000, 0.0000,
0.0000

■ 144.0890,
-62.1619, 11.3229

■ 229.4960,
-59.4045, 13.5970

■ 118.4030,
-58.3727, 9.2936

■ 241.4340,
-51.9790, 11.8974

■ 95.6550, -47.1579,
5.5646

■ 244.6260,
-39.7486, 9.0980

■ 72.9070, -35.9432,
1.8356

■ 247.9320,
-27.0815, 6.1986

■ 51.3330, -25.3072,
-2.9230

■ 251.2380,
-14.4143, 3.2993

■ 30.9440, -15.2554,
-6.9669

■ 254.5440, -1.7472,

■ 13.5010, -6.6560,

0.3999

-11.8404

■ 0.0000, 0.0000,
0.0000

■ 172.5990,
-58.9623, 11.7527

■ 172.5990,
-58.9623, 11.7527

■ 170.4330,
-67.2615, 13.6523

■ 174.7650,
-50.6631, 9.8531

■ 167.9680,
-75.4132, 14.9371

■ 177.2300,
-42.5114, 8.5683

■ 166.2580,
-81.9652, 16.4367

■ 179.3960,
-34.2122, 6.6687

■ 181.8610,
-26.0605, 5.3839

■ 184.0270,
-17.7613, 3.4843

■ 186.3780,
-10.0464, 2.2995

■ 188.5440, -1.7472,
0.3999

■ 190.7100, 6.5520,
-1.4997

■ 193.1750, 14.7037,
-2.7845

Harmonies

Analogous

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



177.2870, -58.8085, 55.8763



172.5990, -58.9623, 11.7527



164.2190, -36.0970, -42.2881

Triad

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



172.5990, -58.9623, 11.7527



151.7530, 50.9008, -133.0874



177.7660, 18.8494, 67.7342

Complementary

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



172.5990, -58.9623, 11.7527



69.4010, 58.9623, -11.7527

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.



186.1560, 33.9401, 34.0662



172.5990, -58.9623, 11.7527



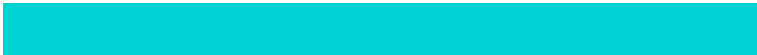
145.2960, 54.0841, -127.4246

Square

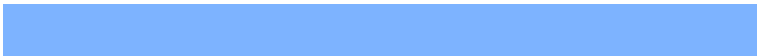
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



172.5990, -58.9623, 11.7527



148.6120, 31.2503, -130.3327



171.5180, 41.1566, -40.7963



168.3500, -7.0745, 75.9921

Rectangle

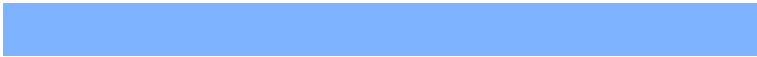
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



172.5990, -58.9623, 11.7527



145.0600, -8.4106, -102.6616



171.5180, 41.1566, -40.7963



183.4540, 25.4122, 62.7458

Sweetspot

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



172.5990, -58.9623, 11.7527



238.5450, -23.4397, 4.7840



94.8380, -20.6261, 82.5801



118.4660, -13.5407, 3.0993



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



172.5990, -58.9623, 11.7527



219.4510, -91.4273, 18.0215



152.5660, -49.0860, -29.4374



92.9740, -3.9312, 0.8998



139.0910, -68.5719, 13.9522



27.1670, -13.3933, 2.4845

Inverse Universe

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



69.4010, 58.9623, -11.7527



59.5490, 91.4273, -18.0215



89.4340, 49.0860, 29.4374



86.0260, 3.9312, -0.8998



18.9090, 68.5719, -13.9522



3.8330, 13.3933, -2.4845

Previews

White Background



This preview shows how the YUV color 172.5990, -58.9623, 11.7527 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 172.5990, -58.9623, 11.7527 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 172.5990, -58.9623, 11.7527

Background



This preview shows how black text looks on a background with the YUV color 172.5990, -58.9623, 11.7527.



This preview shows how white text looks on a background with the YUV color 172.5990, -58.9623, 11.7527.

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

172.5990, -58.9623, 11.7527

Protanopia

174.5300, -60.9003, 26.7222

Deuteranopia

176.4490, -57.9024, 45.2102



Tritanopia

184.1740, 2.8722, 12.1254

Trichromacy



Original Color

172.5990, -58.9623, 11.7527

Protanomaly

173.7250, -60.0104, 21.2892

Deuteranomaly

175.2580, -58.3012, 33.0997

Tritanomaly

180.2130, -19.8250, 12.0912

Monochromacy



Original Color

172.5990, -58.9623, 11.7527

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

173.0010, -21.6925, 4.3841

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.5990, -58.9623, 11.7527 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(186, 189, 53)` looks like.

```
.text, #text, p{  
    color:rgb(186, 189, 53)  
}
```

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(186, 189, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 189, 53) }
```

Border

The CSS property to change the border of an element to YUV 172.5990, -58.9623, 11.7527 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(186, 189, 53) }
```


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

```
.border{ border-color:rgb(186, 189, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 189, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 189, 53); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 189, 53); box-shadow:4px 4px 4px 4px rgb(186, 189, 53) }
```

Background

The CSS property to change the background color of an element to YUV 172.5990, -58.9623, 11.7527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 189, 53) }
```

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

```
.background{ background-color: rgb(186,  
189, 53) }
```

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