

Converting Colors

YUV(172.8720, -59.5899,
26.4223)

Have a look what the booklet for
YUV(172.8720, -59.5899, 26.4223)
contains.

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Color

**YUV(172.8720, -59.5899,
26.4223)**

Conversions

Conversions Part 1

Format	Color
Hex	CBB534
RGB	203, 181, 52
RGB Percent	80%, 71%, 20%
CMY	0.2039, 0.2902, 0.7961
CMYK	0.00, 0.11, 0.74, 0.20
HSL	51°, 59%, 50%
HSV	51°, 74%, 80%
XYZ	41.7723, 45.9922, 9.9246
YIQ	172.8720, 54.5210, -35.4550

Conversions

Conversions Part 2

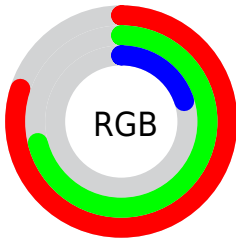
Format	Color
RYB	78, 203, 52
Decimal	13350196
CIELab	73.54, -5.80, 64.37
CIELCh	74, 64.633, 95.150
Yxy	45.9922, 0.4276, 0.4708
Android (android.graphics.Color)	4291540276 (0xFFCBB534)
YUV	172.8720, -59.5899, 26.4223
Hunter-Lab	67.8175, -8.7334, 38.7957

Details

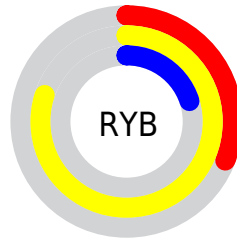
The YUV color **172.8720, -59.5899, 26.4223** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle muted orange. A complement of this color would be **82.1280, 59.5899, -26.4223**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.6760, -59.0003, 23.9631**, and **119.0780, -58.7055, 22.7336** is the 20% darker color. If you saturate the color by 10%, you get **168.8310, -67.4577, 29.9662**, and if you desaturate by 10%, it is **176.9130, -51.7221, 22.8783**.

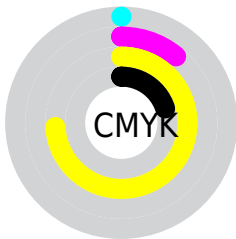
Distribution



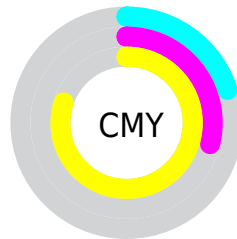
- Red (80%)
- Green (71%)
- Blue (20%)



- Red (31%)
- Yellow (80%)
- Blue (20%)



- Cyan (0%)
- Magenta (11%)
- Yellow (74%)
- Black (20%)



- Cyan (20%)
- Magenta (29%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.8720, -59.5899, 26.4223 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 172.8720, -59.5899, 26.4223 by changing the saturation by 10% instead.

■ 172.8720,
-59.5899, 26.4223

■ 172.8720,
-59.5899, 26.4223

■ 255.0000, 0.0000,
0.0000

■ 144.4760,
-62.3527, 25.8925

■ 227.6760,
-59.0003, 23.9631

■ 119.0780,
-58.7055, 22.7336

■ 241.3200,
-52.4158, 11.9974

■ 96.0310, -47.3433,
18.3898

■ 244.5120,
-40.1854, 9.1980

■ 73.8700, -36.4179,
14.1460

■ 247.7040,
-27.9551, 6.3986

■ 52.2960, -25.7819,
9.3874

■ 251.0100,
-15.2879, 3.4992

■ 32.1950, -15.8721,
4.2140

■ 254.3160, -2.6208,

■ 10.8870, -5.3673,

0.5999

-5.1629

■ 0.0000, 0.0000,
0.0000

■ 172.8720,
-59.5899, 26.4223

■ 172.8720,
-59.5899, 26.4223

■ 168.8310,
-67.4577, 29.9662

■ 176.9130,
-51.7221, 22.8783

■ 164.6760,
-75.7623, 33.6101

■ 181.0680,
-43.4175, 19.2344

■ 162.2480,
-79.9883, 35.7395

■ 185.1090,
-35.5497, 15.6904

■ 189.1500,
-27.6820, 12.1464

■ 193.3050,
-19.3774, 8.5025

■ 197.3460,
-11.5096, 4.9586

■ 201.3870, -3.6418,
1.4146

■ 205.4280, 4.2260,
-2.1294

■ 209.5830, 12.5306,
-5.7733

Harmonies

Analogous

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



176.7750, -52.1471, 65.9723



172.8720, -59.5899, 26.4223



166.5760, -44.1610, -22.4302

Triad

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



172.8720, -59.5899, 26.4223



150.2540, 47.6958, -131.7728



183.1120, 24.1018, 63.0458

Complementary

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



172.8720, -59.5899, 26.4223



82.1280, 59.5899, -26.4223

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.



182.4800, 35.7524, 12.7340



172.8720, -59.5899, 26.4223



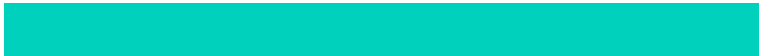
146.4700, 53.5053, -128.4542

Square

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



172.8720, -59.5899, 26.4223



144.2290, 22.0721, -126.4888



158.6060, 47.5222, -75.9535



169.9290, 1.5140, 74.6073

Rectangle

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



172.8720, -59.5899, 26.4223



157.4150, -23.3756, -62.6310



158.6060, 47.5222, -75.9535



185.8700, 31.1231, 50.9800

Sweetspot

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



172.8720, -59.5899, 26.4223



243.9200, -22.1456, 9.7172



99.7710, -12.2121, 90.5318



121.1890, -13.4042, 5.9732



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.



172.8720, -59.5899, 26.4223



209.7510, -89.6032, 39.6834



169.9390, -58.1439, -17.4865



100.2730, -4.0786, 1.5146



132.9880, -65.5631, 28.9515



30.7330, -15.1514, 6.3732

Inverse Universe

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



82.1280, 59.5899, -26.4223



73.2490, 89.6032, -39.6834



85.0610, 58.1439, 17.4865



93.7270, 4.0786, -1.5146



33.0120, 65.5631, -28.9515



7.8540, 14.8620, -6.8880

Previews

White Background



This preview shows how the YUV color 172.8720, -59.5899, 26.4223 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 172.8720, -59.5899, 26.4223 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 172.8720, -59.5899, 26.4223

Background



This preview shows how black text looks on a background with the YUV color 172.8720, -59.5899, 26.4223.



This preview shows how white text looks on a background with the YUV color 172.8720, -59.5899, 26.4223.

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

172.8720, -59.5899, 26.4223

Protanopia

172.8720, -59.5899, 26.4223

Deuteranopia

174.9220, -58.6285, 44.7954



Tritanopia

183.6380, -0.8075, 25.7505

Trichromacy



Original Color

172.8720, -59.5899, 26.4223

Protanomaly

172.8720, -59.5899, 26.4223

Deuteranomaly

174.1770, -58.7543, 38.4328

Tritanomaly

179.4320, -21.9050, 25.9311

Monochromacy



Original Color

172.8720, -59.5899, 26.4223

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

173.0340, -21.7088, 9.6172

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.8720, -59.5899, 26.4223 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, 181, 52)` looks like.

```
.text, #text, p{  
    color:rgb(203, 181, 52)  
}
```

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, 181, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 181, 52) }
```

Border

The CSS property to change the border of an element to YUV 172.8720, -59.5899, 26.4223 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, 181, 52) }
```


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

```
.border{ border-color:rgb(203, 181, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 181, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 181, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 181, 52);  
box-shadow:4px 4px 4px 4px rgb(203, 181,  
52) }
```

Background

The CSS property to change the background color of an element to YUV 172.8720, -59.5899, 26.4223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 181, 52) }
```

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

```
.background{ background-color: rgb(203,  
181, 52) }
```

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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