

Converting Colors

YUV(176.1420, -72.5410,
27.0625)

Have a look what the booklet for
YUV(176.1420, -72.5410, 27.0625)
contains.

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Color

**YUV(176.1420, -72.5410,
27.0625)**

Conversions

Conversions Part 1

Format	Color
Hex	CFBD1D
RGB	207, 189, 29
RGB Percent	81%, 74%, 11%
CMY	0.1882, 0.2588, 0.8863
CMYK	0.00, 0.09, 0.86, 0.19
HSL	54°, 75%, 46%
HSV	54°, 86%, 81%
XYZ	44.1515, 49.7493, 8.4379
YIQ	176.1420, 62.0880, -45.9440

Conversions

Conversions Part 2

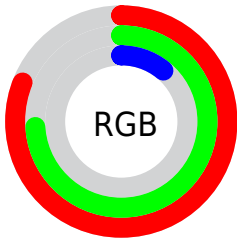
Format	Color
R_{YB}	49, 207, 29
Decimal	13614365
CIE _{Lab}	75.92, -8.95, 73.21
CIE _{LCh}	76, 73.751, 96.973
Yxy	49.7493, 0.4314, 0.4861
Android (android.graphics.Color)	4291804445 (0xFFCFBD1D)
YUV	176.1420, -72.5410, 27.0625
Hunter-Lab	70.5332, -11.6978, 42.2803

Details

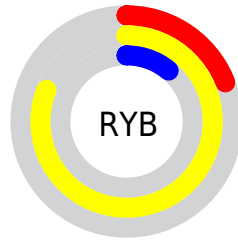
The YUV color **176.1420, -72.5410, 27.0625** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle washed orange. A complement of this color would be **59.8580, 72.5410, -27.0625**, and the grayscale version is **177.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.6620, -67.8674, 21.3444**, and **124.0840, -61.1734, 20.9743** is the 20% darker color. If you saturate the color by 10%, you get **172.5740, -81.1350, 30.1916**, and if you desaturate by 10%, it is **179.7100, -63.9470, 23.9333**.

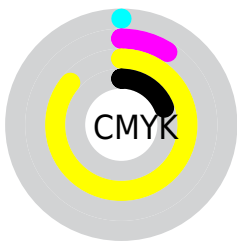
Distribution



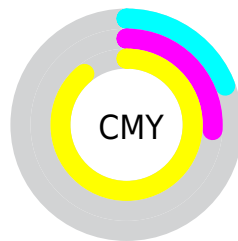
- Red (81%)
- Green (74%)
- Blue (11%)



- Red (19%)
- Yellow (81%)
- Blue (11%)



- Cyan (0%)
- Magenta (9%)
- Yellow (86%)
- Black (19%)



- Cyan (19%)
- Magenta (26%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.1420, -72.5410, 27.0625 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 176.1420, -72.5410, 27.0625 by changing the saturation by 10% instead.

■ 176.1420,
-72.5410, 27.0625

■ 176.1420,
-72.5410, 27.0625

■ 255.0000, 0.0000,
0.0000

■ 148.0170,
-72.9724, 25.4181

■ 230.6620,
-67.8674, 21.3444

■ 124.0840,
-61.1734, 20.9743

■ 239.7240,
-58.5309, 13.3971

■ 101.0370,
-49.8112, 16.6306

■ 242.9160,
-46.3006, 10.5977

■ 78.5770, -38.7385,
11.7720

■ 246.2220,
-33.6334, 7.6983

■ 57.0030, -28.1025,
7.0134

■ 249.5280,
-20.9663, 4.7989

■ 36.3150, -17.9033,
2.3547

■ 252.8340, -8.2992,

■ 16.4910, -8.1301,

1.8996

-5.6926

■ 0.0000, 0.0000,
0.0000

■ 176.1420,
-72.5410, 27.0625

■ 176.1420,
-72.5410, 27.0625

■ 172.5740,
-81.1350, 30.1916

■ 179.7100,
-63.9470, 23.9333

■ 171.0750,
-84.3400, 31.5062

■ 183.1640,
-55.7899, 20.9042

■ 186.7320,
-47.1959, 17.7750

■ 190.3000,
-38.6019, 14.6459

■ 193.8680,
-30.0079, 11.5168

■ 197.9090,
-22.1401, 7.9728

■ 201.4770,
-13.5462, 4.8437

■ 205.0450, -4.9522,
1.7145

■ 208.4990, 3.2050,
-1.3146

Harmonies

Analogous

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



178.7830, -61.0250, 66.8423



176.1420, -72.5410, 27.0625



169.1530, -49.3754, -29.9522

Triad

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



176.1420, -72.5410, 27.0625



157.0360, 48.2963, -137.7206



181.9040, 29.6273, 64.1052

Complementary

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



176.1420, -72.5410, 27.0625



59.8580, 72.5410, -27.0625

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.



186.9540, 33.5467, 20.2113



176.1420, -72.5410, 27.0625



151.1660, 51.1902, -132.5726

Square

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



176.1420, -72.5410, 27.0625



151.5810, 24.8566, -132.9365



154.9520, 49.3237, -93.7969



167.1080, 3.3978, 77.0813

Rectangle

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



176.1420, -72.5410, 27.0625



155.0980, -22.7263, -84.2779



154.9520, 49.3237, -93.7969



188.6690, 32.7012, 58.1723

Sweetspot

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



176.1420, -72.5410, 27.0625



243.3670, -26.8029, 10.2021



84.6160, -17.0657, 107.3308



121.0920, -16.3144, 6.0583



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.



176.1420, -72.5410, 27.0625



210.6680, -103.8593, 38.8792



166.3760, -67.7264, -24.0088



102.5720, -4.2260, 2.1294



138.8690, -68.4624, 25.5479



33.9780, -16.7512, 6.1583

Inverse Universe

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



59.8580, 72.5410, -27.0625



44.3320, 103.8593, -38.8792



69.6240, 67.7264, 24.0088



95.8410, 4.5154, -1.6146



29.1310, 68.4624, -25.5479



7.0220, 16.7512, -6.1583

Previews

White Background



This preview shows how the YUV color 176.1420, -72.5410, 27.0625 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 176.1420, -72.5410, 27.0625 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 176.1420, -72.5410, 27.0625

Background



This preview shows how black text looks on a background with the YUV color 176.1420, -72.5410, 27.0625.

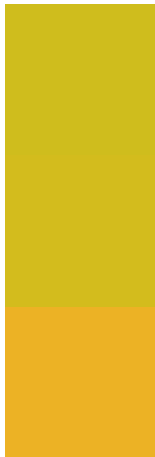


This preview shows how white text looks on a background with the YUV color 176.1420, -72.5410, 27.0625.

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

176.1420, -72.5410, 27.0625

Protanopia

176.7510, -72.8412, 30.0364

Deuteranopia

179.2680, -70.1381, 49.7540



Tritanopia

190.1540, -0.0759, 24.4209

Trichromacy



Original Color

176.1420, -72.5410, 27.0625

Protanomaly

176.4520, -72.6938, 29.4216

Deuteranomaly

177.9850, -70.9846, 41.2322

Tritanomaly

185.1670, -26.7043, 25.2865

Monochromacy



Original Color

176.1420, -72.5410, 27.0625

Achromatopsia

176.0000, 0.0000, 0.0000

Achromatomaly

176.1820, -26.2187, 9.4874

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.1420, -72.5410, 27.0625 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(207, 189, 29)` looks like.

```
.text, #text, p{  
    color:rgb(207, 189, 29)  
}
```

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(207, 189, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 189, 29) }
```

Border

The CSS property to change the border of an element to YUV 176.1420, -72.5410, 27.0625 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(207, 189, 29) }
```


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

```
.border{ border-color:rgb(207, 189, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 189, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 189, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 189, 29);  
box-shadow:4px 4px 4px 4px rgb(207, 189,  
29) }
```

Background

The CSS property to change the background color of an element to YUV 176.1420, -72.5410, 27.0625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 189, 29) }
```

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

```
.background{ background-color: rgb(207,  
189, 29) }
```

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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