

Converting Colors

YUV(172.2890, -75.5715,
19.0405)

Have a look what the booklet for
YUV(172.2890, -75.5715, 19.0405)
contains.

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Color

**YUV(172.2890, -75.5715,
19.0405)**

Conversions

Conversions Part 1

Format	Color
Hex	C2BF13
RGB	194, 191, 19
RGB Percent	76%, 75%, 7%
CMY	0.2392, 0.2510, 0.9255
CMYK	0.00, 0.02, 0.90, 0.24
HSL	59°, 82%, 42%
HSV	59°, 90%, 76%
XYZ	40.9965, 48.7780, 7.8704
YIQ	172.2890, 57.0000, -52.8560

Conversions

Conversions Part 2

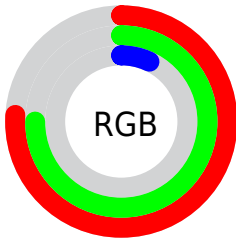
Format	Color
R_{YB}	22, 194, 19
Decimal	12762899
CIE Lab	75.31, -15.81, 74.12
CIE LCh	75, 75.791, 102.040
Yxy	48.7780, 0.4199, 0.4995
Android (android.graphics.Color)	4290952979 (0xFFC2BF13)
YUV	172.2890, -75.5715, 19.0405
Hunter-Lab	69.8412, -17.4434, 42.2074

Details

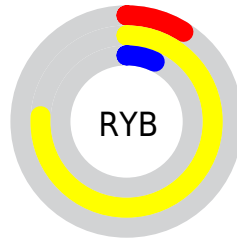
The YUV color **172.2890, -75.5715, 19.0405** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle washed orange. A complement of this color would be **40.7110, 75.5715, -19.0405**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.9670, -70.4827, 20.1999**, and **121.6700, -59.9833, 12.5674** is the 20% darker color. If you saturate the color by 10%, you get **170.1230, -83.8706, 20.9401**, and if you desaturate by 10%, it is **174.4550, -67.2723, 17.1410**.

Distribution



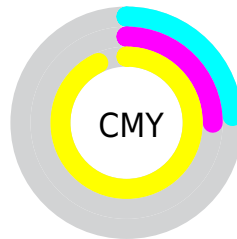
- Red (76%)
- Green (75%)
- Blue (7%)



- Red (9%)
- Yellow (76%)
- Blue (7%)



- Cyan (0%)
- Magenta (2%)
- Yellow (90%)
- Black (24%)



- Cyan (24%)
- Magenta (25%)
- Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.2890, -75.5715, 19.0405 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 172.2890, -75.5715, 19.0405 by changing the saturation by 10% instead.

■ 172.2890,
-75.5715, 19.0405

■ 172.2890,
-75.5715, 19.0405

■ 255.0000, 0.0000,
0.0000

■ 145.6030,
-71.7823, 17.0112

■ 230.9670,
-70.4827, 20.1999

■ 121.6700,
-59.9833, 12.5674

■ 239.1540,
-60.7149, 13.8969

■ 98.6230, -48.6211,
8.2236

■ 242.4600,
-48.0478, 10.9976

■ 75.5760, -37.2590,
3.8798

■ 245.6520,
-35.8174, 8.1982

■ 54.0020, -26.6230,
-0.8788

■ 248.9580,
-23.1503, 5.2988

■ 33.6130, -16.5712,
-4.9226

■ 252.3780,

■ 14.0880, -6.9454,

-10.0464, 2.2995

-12.3552

■ 0.0000, 0.0000,
0.0000

■ 172.2890,
-75.5715, 19.0405

■ 172.2890,
-75.5715, 19.0405

■ 170.1230,
-83.8706, 20.9401

■ 174.4550,
-67.2723, 17.1410

■ 177.3220,
-58.8257, 14.6266

■ 179.4880,
-50.5266, 12.7270

■ 181.7680,
-41.7906, 10.7275

■ 184.5210,
-33.7809, 8.3131

■ 186.6870,
-25.4817, 6.4135

■ 188.9670,
-16.7457, 4.4139

■ 191.7200, -8.7360,
1.9996

■ 194.0000, 0.0000,
0.0000

Harmonies

Analogous

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



178.4210, -68.7346, 66.2828



172.2890, -75.5715, 19.0405



164.2160, -44.9695, -43.1624

Triad

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



172.2890, -75.5715, 19.0405



155.8620, 48.8750, -136.6910



175.8400, 26.7009, 69.4233

Complementary

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



172.2890, -75.5715, 19.0405



40.7110, 75.5715, -19.0405

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.



186.7430, 33.6507, 33.5514



172.2890, -75.5715, 19.0405



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.



172.2890, -75.5715, 19.0405



152.2480, 29.9507, -133.5215



163.3900, 45.1637, -66.1170



163.1640, -1.5599, 80.5402

Rectangle

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



172.2890, -75.5715, 19.0405



138.2550, -10.9717, -121.2496



163.3900, 45.1637, -66.1170



183.0440, 33.9953, 63.1054

Sweetspot

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



172.2890, -75.5715, 19.0405



243.6610, -29.4129, 7.3133



72.0090, -23.1754, 106.9861



122.7390, -17.6193, 4.6139



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.



172.2890, -75.5715, 19.0405



220.9240, -108.9155, 27.2537



149.5320, -64.3523, -32.9156



95.8600, -4.3680, 0.9998



140.8850, -69.4563, 17.6409



29.2380, -14.4143, 3.2993

Inverse Universe

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



40.7110, 75.5715, -19.0405



31.0760, 108.9155, -27.2537



63.4680, 64.3523, 32.9156



88.1400, 4.3680, -0.9998



20.1150, 69.4563, -17.6409



4.3490, 14.1249, -3.8141

Previews

White Background



This preview shows how the YUV color 172.2890, -75.5715, 19.0405 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 172.2890, -75.5715, 19.0405 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 172.2890, -75.5715, 19.0405

Background



This preview shows how black text looks on a background with the YUV color 172.2890, -75.5715, 19.0405.



This preview shows how white text looks on a background with the YUV color 172.2890, -75.5715,

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

172.2890, -75.5715, 19.0405

Protanopia

173.6110, -77.2092, 31.0362

Deuteranopia

177.0400, -71.0117, 49.9539



Tritanopia

187.8540, 1.5510, 15.9140

Trichromacy



Original Color

172.2890, -75.5715, 19.0405

Protanomaly

173.4040, -76.6142, 26.8327

Deuteranomaly

174.9200, -72.4316, 38.6582

Tritanomaly

182.4110, -26.8246, 17.1796

Monochromacy



Original Color

172.2890, -75.5715, 19.0405

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

172.1170, -27.6657, 6.9134

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.2890, -75.5715, 19.0405 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(194, 191, 19)` looks like.

```
.text, #text, p{  
    color:rgb(194, 191, 19)  
}
```

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(194, 191, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 191, 19) }
```

Border

The CSS property to change the border of an element to YUV 172.2890, -75.5715, 19.0405 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(194, 191, 19) }
```


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

```
.border{ border-color:rgb(194, 191, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 191, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 191, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 191, 19);  
box-shadow:4px 4px 4px 4px rgb(194, 191,  
19) }
```

Background

The CSS property to change the background color of an element to YUV 172.2890, -75.5715, 19.0405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 191, 19) }
```

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

```
.background{ background-color: rgb(194,  
191, 19) }
```

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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