

Converting Colors

YUV(72.2890, -18.3835,
16.4095)

Have a look what the booklet for
YUV(72.2890, -18.3835, 16.4095)
contains.

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Color

**YUV(72.2890, -18.3835,
16.4095)**

Conversions

Conversions Part 1

Format	Color
Hex	5B4623
RGB	91, 70, 35
RGB Percent	36%, 27%, 14%
CMY	0.6431, 0.7255, 0.8627
CMYK	0.00, 0.23, 0.62, 0.64
HSL	38°, 44%, 25%
HSV	38°, 62%, 36%
XYZ	6.8079, 6.7258, 2.5295
YIQ	72.2890, 23.7510, -6.4330

Conversions

Conversions Part 2

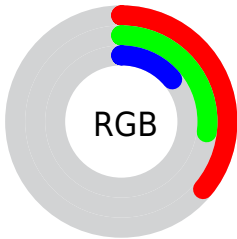
Format	Color
R_YB	69, 91, 35
Decimal	5981731
CIE Lab	31.17, 4.31, 24.27
CIE LCh	31, 24.648, 79.928
Yxy	6.7258, 0.4238, 0.4187
Android (android.graphics.Color)	4284171811 (0xFF5B4623)
YUV	72.2890, -18.3835, 16.4095
Hunter-Lab	25.9342, 1.4728, 12.3710

Details

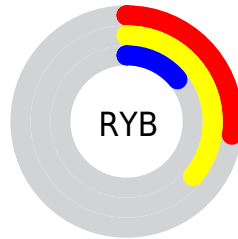
The YUV color **72.2890, -18.3835, 16.4095** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **53.7110, 18.3835, -16.4095**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.2570, -19.8467, 19.0686**, and **28.7060, -14.1521, 12.5358** is the 20% darker color. If you saturate the color by 10%, you get **69.5020, -21.4465, 18.8537**, and if you desaturate by 10%, it is **75.0760, -15.3205, 13.9653**.

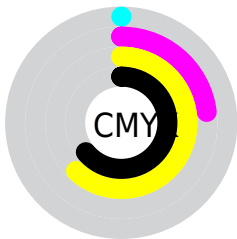
Distribution



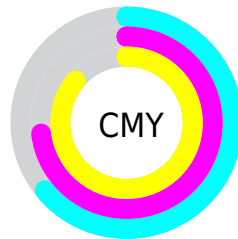
- Red (36%)
- Green (27%)
- Blue (14%)



- Red (27%)
- Yellow (36%)
- Blue (14%)



- Cyan (0%)
- Magenta (23%)
- Yellow (62%)
- Black (64%)



- Cyan (64%)
- Magenta (73%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.2890, -18.3835, 16.4095 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 72.2890, -18.3835, 16.4095 by changing the saturation by 10% instead.

■ 72.2890, -18.3835,
16.4095

■ 72.2890, -18.3835,
16.4095

255.0000, 0.0000,
0.0000

■ 49.5060, -17.5045,
14.4652

■ 121.2570,
-19.8467, 19.0686

■ 28.7060, -14.1521,
12.5358

■ 147.3280,
-20.8677, 19.8833

■ 5.6700, -2.7953,
9.9364

■ 173.8120,
-21.5993, 21.2129

■ 0.0000, 0.0000,
0.0000

■ 201.1110,
-21.7467, 21.8277

■ 229.2960,
-22.3309, 22.5424

■ 249.3970,

-18.9297, 4.9138

■ 253.2900, -6.5520,
1.4997

■ 72.2890, -18.3835,
16.4095

■ 72.2890, -18.3835,
16.4095

■ 69.5020, -21.4465,
18.8537

■ 75.0760, -15.3205,
13.9653

■ 66.1280, -24.2201,
21.8127

■ 78.4500, -12.5469,
11.0063

■ 63.3410, -27.2831,
24.2569

■ 81.2370, -9.4838,
8.5622

■ 60.6680, -29.9093,
26.6012

■ 84.6110, -6.7102,
5.6032

■ 87.5120, -3.2104,
3.0590

■ 90.2990, -0.1474,
0.6148

■ 93.6730, 2.6262,
-2.3442

■ 96.4600, 5.6892,
-4.7884

■ 99.8340, 8.4628,
-7.7474

Harmonies

Analogous

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



73.2070, -13.9061, 27.0055



72.2890, -18.3835, 16.4095



70.5430, -17.0297, 2.1548

Triad

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



72.2890, -18.3835, 16.4095



58.5250, 13.5452, -51.3264



75.9490, 10.8711, 13.1997

Complementary

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



72.2890, -18.3835, 16.4095



53.7110, 18.3835, -16.4095

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.



73.6520, 17.9196, -7.5878



72.2890, -18.3835, 16.4095



59.1750, 21.1127, -51.8965

Square

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



72.2890, -18.3835, 16.4095



62.2250, 1.8611, -37.0313



65.9260, 22.2215, -34.1381



74.9740, 2.9708, 27.2098

Rectangle

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



72.2890, -18.3835, 16.4095



68.6170, -12.6292, -9.3111



65.9260, 22.2215, -34.1381



75.6000, 13.5082, 7.3668

Sweetspot

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



72.2890, -18.3835, 16.4095



109.9100, -6.8576, 6.2179



54.1380, 0.9180, 32.3280



54.5830, -4.2314, 3.8737



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



72.2890, -18.3835, 16.4095



88.2980, -28.7409, 25.1717



82.5230, -23.4288, 1.2953



44.2560, -1.6052, 1.5295



73.3930, -36.1827, 32.1043



157.7390, -77.7653, 69.5119

Inverse Universe

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



53.7110, 18.3835, -16.4095



59.2890, 28.4515, -25.6865



43.4770, 23.4288, -1.2953



42.7440, 1.6052, -1.5295



36.6070, 36.1827, -32.1043



79.2610, 77.7653, -69.5119

Previews

White Background



This preview shows how the YUV color 72.2890, -18.3835, 16.4095 looks on a white 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

Black Background



This preview shows how the YUV color 72.2890, -18.3835, 16.4095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

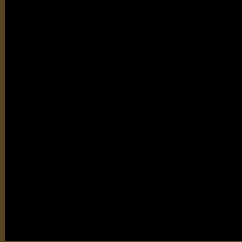
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 72.2890, -18.3835, 16.4095

Background



This preview shows how black text looks on a background with the YUV color 72.2890, -18.3835, 16.4095.



This preview shows how white text looks on a background with the YUV color 72.2890, -18.3835,

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

72.2890, -18.3835, 16.4095

Protanopia

71.7610, -17.6302, 8.1026

Deuteranopia

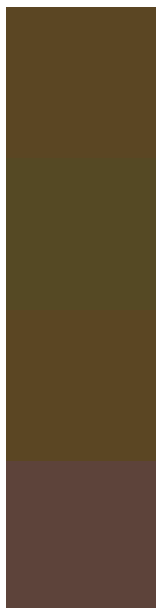
72.2890, -18.3835, 16.4095



Tritanopia

74.9420, -1.9434, 16.7139

Trichromacy



Original Color

72.2890, -18.3835, 16.4095

Protanomaly

72.3700, -17.9304, 11.0765

Deuteranomaly

72.2890, -18.3835, 16.4095

Tritanomaly

73.7480, -7.7638, 16.8840

Monochromacy



Original Color

72.2890, -18.3835, 16.4095

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

72.0240, -6.4208, 6.1180

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.2890, -18.3835, 16.4095 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(91, 70, 35)` looks like.

```
.text, #text, p{  
    color:rgb(91, 70, 35)  
}
```

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(91, 70, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 70, 35) }
```

Border

The CSS property to change the border of an element to YUV 72.2890, -18.3835, 16.4095 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(91, 70, 35) }
```


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

```
.border{ border-color:rgb(91, 70, 35) }
```

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

Here you see how a box with a 4 pixel rgb(91, 70, 35) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 70, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 70, 35);  
box-shadow:4px 4px 4px 4px rgb(91, 70, 35)  
}
```

Background

The CSS property to change the background color of an element to YUV 72.2890, -18.3835, 16.4095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 70, 35) }
```

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

```
.background{ background-color: rgb(91, 70,  
35) }
```

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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