

Converting Colors

YUV(56.5890, -13.1084,
51.2264)

Have a look what the booklet for
YUV(56.5890, -13.1084, 51.2264)
contains.

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Color

**YUV(56.5890, -13.1084,
51.2264)**

Conversions

Conversions Part 1

Format	Color
Hex	73201E
RGB	115, 32, 30
RGB Percent	45%, 13%, 12%
CMY	0.5490, 0.8745, 0.8824
CMYK	0.00, 0.72, 0.74, 0.55
HSL	1°, 59%, 28%
HSV	1°, 74%, 45%
XYZ	7.8211, 4.7716, 1.7371
YIQ	56.5890, 50.1100, 16.9740

Conversions

Conversions Part 2

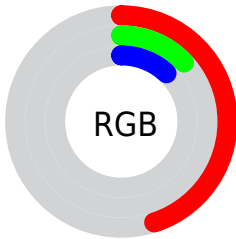
Format	Color
R_{YB}	115, 32, 30
Decimal	7544862
CIE _{Lab}	26.07, 36.12, 22.19
CIE _{LCh}	26, 42.396, 31.565
Yxy	4.7716, 0.5458, 0.3330
Android (android.graphics.Color)	4285734942 (0xFF73201E)
YUV	56.5890, -13.1084, 51.2264
Hunter-Lab	21.8440, 25.6837, 10.5759

Details

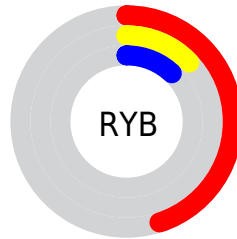
The YUV color **56.5890, -13.1084, 51.2264** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **88.4110, 13.1084, -51.2264**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.9980, -16.7610, 56.1298**, and **17.9400, -8.8444, 36.8866** is the 20% darker color. If you saturate the color by 10%, you get **48.7640, -15.1667, 58.0890**, and if you desaturate by 10%, it is **64.3000, -11.4869, 44.4639**.

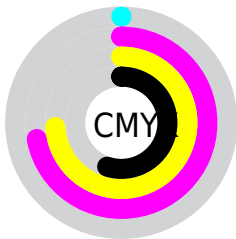
Distribution



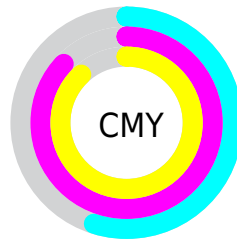
- Red (45%)
- Green (13%)
- Blue (12%)



- Red (45%)
- Yellow (13%)
- Blue (12%)



- Cyan (0%)
- Magenta (72%)
- Yellow (74%)
- Black (55%)



- Cyan (55%)
- Magenta (87%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 56.5890, -13.1084, 51.2264 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 56.5890, -13.1084, 51.2264 by changing the saturation by 10% instead.

■ 56.5890, -13.1084,
51.2264

■ 56.5890, -13.1084,
51.2264

255.0000, 0.0000,
0.0000

■ 27.9850, -10.3456,
51.7562

■ 107.9980,
-16.7610, 56.1298

■ 17.9400, -8.8444,
36.8866

■ 134.6670,
-18.0768, 58.1740

■ 9.9810, -4.4276,
20.1877

■ 161.7490,
-19.1033, 60.7331

■ 0.0000, 0.0000,
0.0000

■ 187.7380,
-19.0978, 58.9888

■ 206.5510,
-15.5546, 42.4898

■ 226.1790,

-11.4272, 25.2760

■ 246.3940, -7.5892,
7.5475

■ 56.5890, -13.1084,
51.2264

■ 56.5890, -13.1084,
51.2264

■ 48.7640, -15.1667,
58.0890

■ 64.3000, -11.4869,
44.4639

■ 41.0530, -16.7881,
64.8515

■ 72.1250, -9.4286,
37.6014

■ 36.1460, -17.8200,
69.1550

■ 80.4230, -8.0965,
30.3240

■ 88.2480, -6.0383,
23.4615

■ 96.0730, -3.9800,
16.5990

■ 103.7840, -2.3585,
9.8364

■ 112.1960, -0.5896,
2.4591

■ 119.9070, 1.0318,
-4.3034

■ 127.7320, 3.0901,
-11.1660

Harmonies

Analogous

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



56.0250, 2.4527, 53.4751



56.5890, -13.1084, 51.2264



57.7770, -28.4841, 36.1526

Triad

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



56.5890, -13.1084, 51.2264



46.7440, -8.7478, -40.9945



52.6330, 36.6629, -46.1591

Complementary

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



56.5890, -13.1084, 51.2264



88.4110, 13.1084, -51.2264

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.



56.3030, 30.4166, -49.3777



56.5890, -13.1084, 51.2264



51.7940, 5.5246, -45.4233

Square

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



56.5890, -13.1084, 51.2264



53.0610, -26.1591, -9.7005



55.4420, 19.5021, -48.6226



62.1010, 27.0652, -0.9656

Rectangle

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



56.5890, -13.1084, 51.2264



58.5750, -28.8775, 22.2977



55.4420, 19.5021, -48.6226



54.2800, 35.3580, -47.6036

Sweetspot

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



56.5890, -13.1084, 51.2264



127.4540, -5.1538, 19.7728



64.9910, 24.1614, 43.8579



62.9800, -2.9481, 12.2955



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



56.5890, -13.1084, 51.2264



58.5280, -20.4733, 80.2209



81.2430, -25.2628, 29.6049



54.7940, -0.8844, 3.6887



38.2390, -18.8518, 73.4584



78.2720, -38.5881, 150.6055

Inverse Universe

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



88.4110, 13.1084, -51.2264



108.4720, 20.4733, -80.2209



63.7570, 25.2628, -29.6049



57.2060, 0.8844, -3.6887



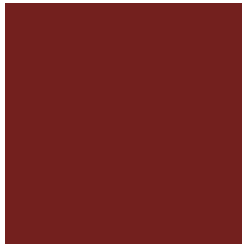
84.3480, 18.5624, -73.9732



171.7280, 38.5881, -150.6055

Previews

White Background



This preview shows how the YUV color 56.5890, -13.1084, 51.2264 looks on a white background.

Color Contrast Check

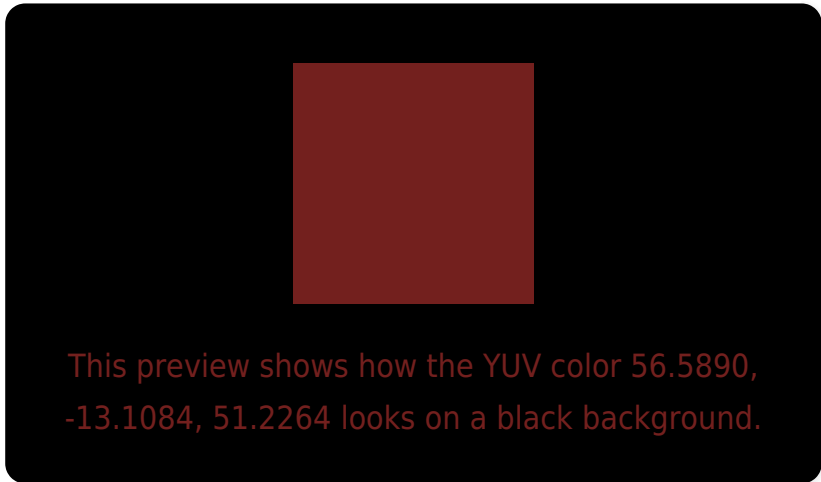
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

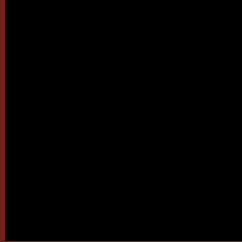
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 56.5890, -13.1084, 51.2264

Background



This preview shows how black text looks on a background with the YUV color 56.5890, -13.1084, 51.2264.

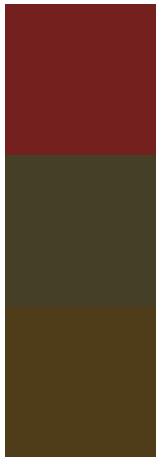


This preview shows how white text looks on a background with the YUV color 56.5890, -13.1084,

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

56.5890, -13.1084, 51.2264

Protanopia

62.1720, -10.9308, 5.9882

Deuteranopia

61.6910, -18.0887, 15.1800



Tritanopia

56.9310, -11.7980, 50.9265

Trichromacy



Original Color

56.5890, -13.1084, 51.2264

Protanomaly

60.3420, -12.0006, 22.5021

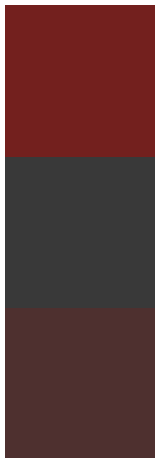
Deuteranomaly

59.9360, -16.2374, 28.1201

Tritanomaly

56.8170, -12.2348, 51.0265

Monochromacy



Original Color

56.5890, -13.1084, 51.2264

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

56.8560, -4.8590, 18.5433

CSS Examples

Text

The CSS property to change the color of the text to YUV 56.5890, -13.1084, 51.2264 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(115, 32, 30)` looks like.

```
.text, #text, p{  
    color:rgb(115, 32, 30)  
}
```

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(115, 32, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 32, 30) }
```

Border

The CSS property to change the border of an element to YUV 56.5890, -13.1084, 51.2264 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(115, 32, 30) }
```


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

```
.border{ border-color:rgb(115, 32, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 32, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 32, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 32, 30);  
box-shadow:4px 4px 4px 4px rgb(115, 32,  
30) }
```

Background

The CSS property to change the background color of an element to YUV 56.5890, -13.1084, 51.2264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 32, 30) }
```

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

```
.background{ background-color: rgb(115, 32,  
30) }
```

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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