

Converting Colors

YUV(64.4890, -11.5801,
27.6351)

Have a look what the booklet for
YUV(64.4890, -11.5801, 27.6351)
contains.

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Color

**YUV(64.4890, -11.5801,
27.6351)**

Conversions

Conversions Part 1

Format	Color
Hex	603529
RGB	96, 53, 41
RGB Percent	38%, 21%, 16%
CMY	0.6235, 0.7922, 0.8392
CMYK	0.00, 0.45, 0.57, 0.62
HSL	13°, 40%, 27%
HSV	13°, 57%, 38%
XYZ	6.4972, 5.1931, 2.7577
YIQ	64.4890, 29.4800, 5.3840

Conversions

Conversions Part 2

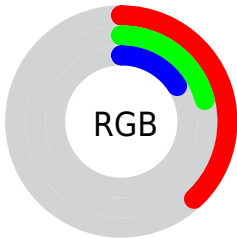
Format	Color
R_{YB}	96, 56, 41
Decimal	6305065
CIE Lab	27.28, 17.90, 15.88
CIE LCh	27, 23.928, 41.587
Yxy	5.1931, 0.4497, 0.3594
Android (android.graphics.Color)	4284495145 (0xFF603529)
YUV	64.4890, -11.5801, 27.6351
Hunter-Lab	22.7884, 11.0126, 8.7768

Details

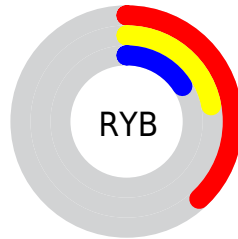
The YUV color **64.4890, -11.5801, 27.6351** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **72.5110, 11.5801, -27.6351**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.0550, -13.3381, 31.5238**, and **19.9230, -9.8220, 23.7465** is the 20% darker color. If you saturate the color by 10%, you get **58.6530, -13.6329, 32.7533**, and if you desaturate by 10%, it is **70.3250, -9.5272, 22.5170**.

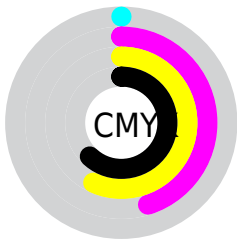
Distribution



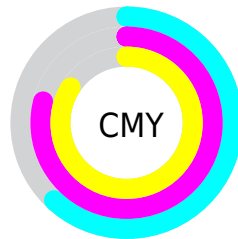
- Red (38%)
- Green (21%)
- Blue (16%)



- Red (38%)
- Yellow (22%)
- Blue (16%)



- Cyan (0%)
- Magenta (45%)
- Yellow (57%)
- Black (62%)



- Cyan (62%)
- Magenta (79%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.4890, -11.5801, 27.6351 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 64.4890, -11.5801, 27.6351 by changing the saturation by 10% instead.

■ 64.4890, -11.5801,
27.6351

■ 64.4890, -11.5801,
27.6351

■ 255.0000, 0.0000,
0.0000

■ 41.7060, -10.7011,
25.6908

■ 113.0550,
-13.3381, 31.5238

■ 19.9230, -9.8220,
23.7465

■ 138.9520,
-13.7803, 33.3681

■ 4.4850, -2.2111,
9.2217

■ 165.4360,
-14.5119, 34.6976

■ 0.0000, 0.0000,
0.0000

■ 192.9200,
-15.2436, 36.0272

■ 218.7130,
-14.6485, 31.8237

■ 238.3410,

-10.5211, 14.6099

253.9740, -3.9312,
0.8998

64.4890, -11.5801,
27.6351

64.4890, -11.5801,
27.6351

58.6530, -13.6329,
32.7533

70.3250, -9.5272,
22.5170

53.5180, -15.5384,
37.2567

75.4600, -7.6218,
18.0136

47.6820, -17.5912,
42.3749

81.2960, -5.5689,
12.8954

42.5470, -19.4967,
46.8783

86.4310, -3.6635,
8.3920

41.0310, -20.2283,
48.2078

92.2670, -1.6106,
3.2738

■ 97.5160, 0.7316,
-1.3295

■ 103.2380, 2.3477,
-6.3477

■ 108.4870, 4.6899,
-10.9511

■ 114.2090, 6.3060,
-15.9693

Harmonies

Analogous

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



64.9760, -3.4392, 29.8390



64.4890, -11.5801, 27.6351



63.3540, -16.9365, 18.9835

Triad

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



64.4890, -11.5801, 27.6351



55.3570, -1.6550, -29.2541



63.0210, 18.2306, -14.0504

Complementary

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



64.4890, -11.5801, 27.6351



72.5110, 11.5801, -27.6351

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.



52.3760, 22.9856, -45.9338



64.4890, -11.5801, 27.6351



51.5320, 9.5977, -45.1936

Square

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



64.4890, -11.5801, 27.6351



59.8450, -11.7556, -9.5111



52.8830, 17.3127, -46.3784



66.3720, 12.6346, 7.5668

Rectangle

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



64.4890, -11.5801, 27.6351



63.0710, -17.7830, 10.4617



52.8830, 17.3127, -46.3784



60.7210, 19.8575, -22.5573

Sweetspot

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



64.4890, -11.5801, 27.6351



112.6270, -4.2531, 10.8511



62.3470, 10.6749, 29.5137



56.6480, -2.7845, 6.4477



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



64.4890, -11.5801, 27.6351



75.8670, -18.1754, 43.0896



80.3380, -19.3936, 13.7356



45.7830, -0.8790, 1.9443



47.5760, -23.4550, 56.4998



102.2840, -50.4260, 120.7769

Inverse Universe

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



72.5110, 11.5801, -27.6351



88.1330, 18.1754, -43.0896



56.6620, 19.3936, -13.7356



46.2170, 0.8790, -1.9443



64.4240, 23.4550, -56.4998



137.1290, 50.7154, -120.2621

Previews

White Background



This preview shows how the YUV color 64.4890, -11.5801, 27.6351 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 64.4890, -11.5801, 27.6351 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 64.4890, -11.5801, 27.6351

Background



This preview shows how black text looks on a background with the YUV color 64.4890, -11.5801, 27.6351.

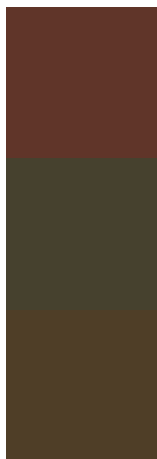


This preview shows how white text looks on a background with the YUV color 64.4890, -11.5801,

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

64.4890, -11.5801, 27.6351

Protanopia

64.3290, -9.0362, 4.9735

Deuteranopia

64.4610, -12.5523, 12.7507



Tritanopia

65.2100, -5.0335, 27.8798

Trichromacy



Original Color

64.4890, -11.5801, 27.6351

Protanomaly

64.4440, -10.0789, 12.7656

Deuteranomaly

64.6080, -12.1317, 17.8838

Tritanomaly

65.2270, -7.5069, 27.8649

Monochromacy



Original Color

64.4890, -11.5801, 27.6351

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

64.3280, -4.1057, 10.2363

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.4890, -11.5801, 27.6351 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(96, 53, 41)` looks like.

```
.text, #text, p{  
    color:rgb(96, 53, 41)  
}
```

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(96, 53, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 53, 41) }
```

Border

The CSS property to change the border of an element to YUV 64.4890, -11.5801, 27.6351 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(96, 53, 41) }
```


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

```
.border{ border-color:rgb(96, 53, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 53, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 53, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 53, 41);  
box-shadow:4px 4px 4px 4px rgb(96, 53, 41)  
}
```

Background

The CSS property to change the background color of an element to YUV 64.4890, -11.5801, 27.6351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 53, 41) }
```

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

```
.background{ background-color: rgb(96, 53,  
41) }
```

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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