

Converting Colors

YUV(56.5320, -3.2203, 53.0304)

Have a look what the booklet for
YUV(56.5320, -3.2203, 53.0304)
contains.

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Color

**YUV(56.5320, -3.2203,
53.0304)**

Conversions

Conversions Part 1

Format	Color
Hex	751B32
RGB	117, 27, 50
RGB Percent	46%, 11%, 20%
CMY	0.5412, 0.8941, 0.8039
CMYK	0.00, 0.77, 0.57, 0.54
HSL	345°, 62%, 28%
HSV	345°, 77%, 46%
XYZ	8.3038, 4.7961, 3.5057
YIQ	56.5320, 46.2570, 26.2330

Conversions

Conversions Part 2

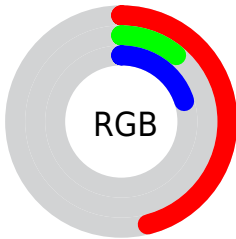
Format	Color
R_{YB}	117, 27, 50
Decimal	7674674
CIE _{Lab}	26.15, 40.20, 9.04
CIE _{LCh}	26, 41.203, 12.672
Yxy	4.7961, 0.5001, 0.2888
Android (android.graphics.Color)	4285864754 (0xFF751B32)
YUV	56.5320, -3.2203, 53.0304
Hunter-Lab	21.8999, 29.3569, 5.8389

Details

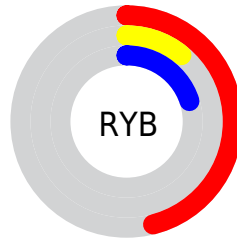
The YUV color **56.5320, -3.2203, 53.0304** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **87.4680, 3.2203, -53.0304**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.0440, -6.4307, 56.0894**, and **19.4780, -8.1237, 39.0458** is the 20% darker color. If you saturate the color by 10%, you get **48.4620, -3.6788, 60.1078**, and if you desaturate by 10%, it is **64.6020, -2.7618, 45.9530**.

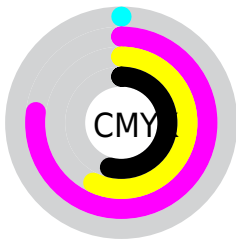
Distribution



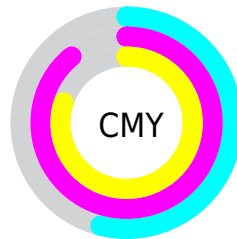
- Red (46%)
- Green (11%)
- Blue (20%)



- Red (46%)
- Yellow (11%)
- Blue (20%)



- Cyan (0%)
- Magenta (77%)
- Yellow (57%)
- Black (54%)



- Cyan (54%)
- Magenta (89%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 56.5320, -3.2203, 53.0304 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 56.5320, -3.2203, 53.0304 by changing the saturation by 10% instead.

■ 56.5320, -3.2203,
53.0304

■ 56.5320, -3.2203,
53.0304

255.0000, 0.0000,
0.0000

■ 30.2160, -0.5995,
52.4306

■ 109.0440, -6.4307,
56.0894

■ 19.4780, -8.1237,
39.0458

■ 135.8270, -7.3097,
58.0337

■ 11.1770, -5.0173,
22.6468

■ 162.9090, -8.3361,
60.5928

■ 0.0000, 0.0000,
0.0000

■ 188.7130, -7.7465,
58.1337

■ 208.2270, -4.0559,
41.0199

■ 227.8550, 0.0715,

23.8062

247.9560, 3.4727,
6.1776

56.5320, -3.2203,
53.0304

56.5320, -3.2203,
53.0304

48.4620, -3.6788,
60.1078

64.6020, -2.7618,
45.9530

41.0930, -3.9898,
66.5704

71.9710, -2.4507,
39.4904

38.4030, -4.1427,
68.9296

80.0410, -1.9922,
32.4130

88.1110, -1.5337,
25.3357

96.1810, -1.0752,
18.2583

■ 103.5500, -0.7641,
11.7957

■ 111.6200, -0.3057,
4.7183

■ 119.6900, 0.1528,
-2.3591

■ 127.0590, 0.4639,
-8.8217

Harmonies

Analogous

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



59.7230, 10.4896, 42.3389



56.5320, -3.2203, 53.0304



58.0630, -18.7651, 45.5487

Triad

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



56.5320, -3.2203, 53.0304



50.7760, -20.5956, -20.8516



54.9980, 33.0320, -48.2332

Complementary

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



56.5320, -3.2203, 53.0304



87.4680, 3.2203, -53.0304

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.



55.8810, 23.7227, -49.0076



56.5320, -3.2203, 53.0304



48.8130, -3.3588, -42.8090

Square

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



56.5320, -3.2203, 53.0304



57.2910, -28.2445, 5.8838



53.1620, 10.7661, -46.6231



49.9430, 36.5101, -43.8000

Rectangle

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



56.5320, -3.2203, 53.0304



58.0650, -28.6260, 35.0230



53.1620, 10.7661, -46.6231



55.7160, 30.7060, -48.8629

Sweetspot

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



56.5320, -3.2203, 53.0304



129.4910, -1.2281, 20.6174



56.9940, 29.5830, 31.5773



62.2620, -0.6222, 12.9252



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.



56.5320, -3.2203, 53.0304



58.2630, -5.0597, 83.0843



66.2370, -19.3438, 44.5192



54.9080, -0.4476, 3.5887



40.0120, -4.4429, 71.9035



82.0460, -8.8967, 147.2957

Inverse Universe

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



56.5320, -3.2203, 53.0304



58.2630, -5.0597, 83.0843



77.7630, 19.3438, -44.5192



54.9080, -0.4476, 3.5887



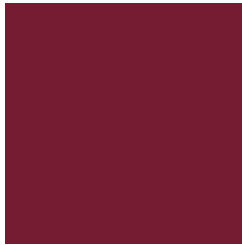
40.0120, -4.4429, 71.9035



82.0460, -8.8967, 147.2957

Previews

White Background



This preview shows how the YUV color 56.5320, -3.2203, 53.0304 looks on a white background.

Color Contrast Check

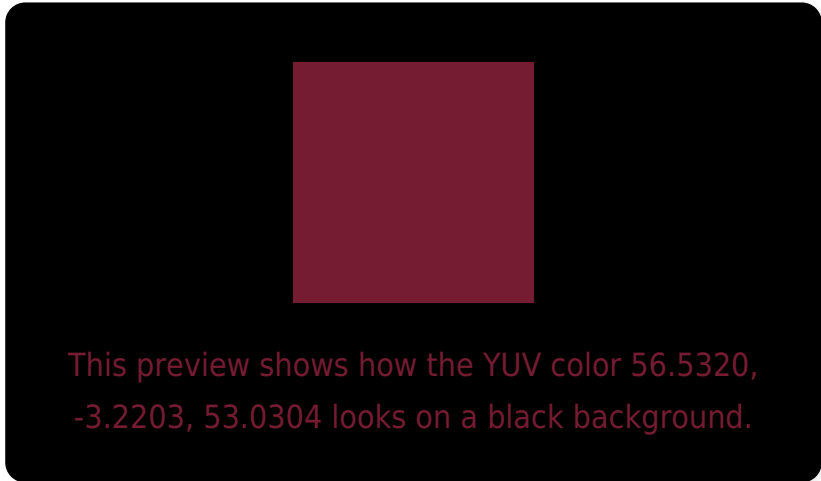
Large Text (above 18pt) WCAG AA ✓ Pass

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

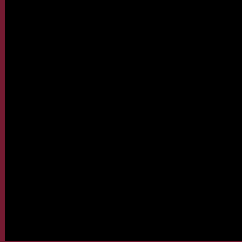
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 56.5320, -3.2203, 53.0304

Background



This preview shows how black text looks on a background with the YUV color 56.5320, -3.2203, 53.0304.



This preview shows how white text looks on a background with the YUV color 56.5320, -3.2203,

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

56.5320, -3.2203, 53.0304

Protanopia

63.7550, 1.5998, 0.2149

Deuteranopia

63.4760, -8.6157, 10.1065



Tritanopia

56.5290, -12.0928, 52.1561

Trichromacy



Original Color

56.5320, -3.2203, 53.0304

Protanomaly

61.1210, -0.0597, 19.1879

Deuteranomaly

61.0310, -6.9173, 25.4058

Tritanomaly

56.7400, -8.7458, 51.9710

Monochromacy



Original Color

56.5320, -3.2203, 53.0304

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

56.7790, -1.3700, 19.4878

CSS Examples

Text

The CSS property to change the color of the text to YUV 56.5320, -3.2203, 53.0304 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(117, 27, 50)` looks like.

```
.text, #text, p{  
    color:rgb(117, 27, 50)  
}
```

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(117, 27, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 27, 50) }
```

Border

The CSS property to change the border of an element to YUV 56.5320, -3.2203, 53.0304 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(117, 27, 50) }
```


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

```
.border{ border-color:rgb(117, 27, 50) }
```

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

Here you see how a box with a 4 pixel rgb(117, 27, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 27, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 27, 50);  
box-shadow:4px 4px 4px 4px rgb(117, 27,  
50) }
```

Background

The CSS property to change the background color of an element to YUV 56.5320, -3.2203, 53.0304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 27, 50) }
```

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

```
.background{ background-color: rgb(117, 27,  
50) }
```

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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