

Converting Colors

YUV(53.6220, -16.5756,
43.3045)

Have a look what the booklet for
YUV(53.6220, -16.5756, 43.3045)
contains.

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Color

**YUV(53.6220, -16.5756,
43.3045)**

Conversions

Conversions Part 1

Format	Color
Hex	672314
RGB	103, 35, 20
RGB Percent	40%, 14%, 8%
CMY	0.5961, 0.8627, 0.9216
CMYK	0.00, 0.66, 0.81, 0.60
HSL	11°, 67%, 24%
HSV	11°, 81%, 40%
XYZ	6.3208, 4.1361, 1.1270
YIQ	53.6220, 45.3430, 9.7510

Conversions

Conversions Part 2

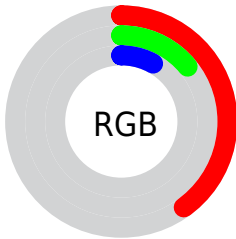
Format	Color
R_{YB}	103, 38, 20
Decimal	6759188
CIE Lab	24.12, 29.66, 25.58
CIE LCh	24, 39.165, 40.778
Yxy	4.1361, 0.5457, 0.3571
Android (android.graphics.Color)	4284949268 (0xFF672314)
YUV	53.6220, -16.5756, 43.3045
Hunter-Lab	20.3375, 19.8865, 10.9506

Details

The YUV color **53.6220, -16.5756, 43.3045** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **69.3780, 16.5756, -43.3045**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **103.4440, -19.9389, 48.7226**, and **14.9500, -7.3703, 30.7388** is the 20% darker color. If you saturate the color by 10%, you get **47.7860, -18.6285, 48.4227**, and if you desaturate by 10%, it is **59.4580, -14.5228, 38.1863**.

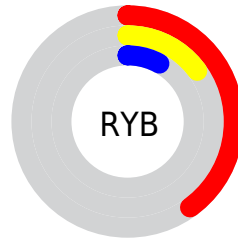
Distribution



Red (40%)

Green (14%)

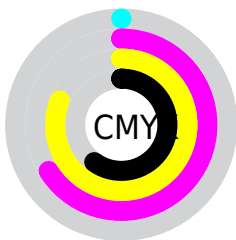
Blue (8%)



Red (40%)

Yellow (15%)

Blue (8%)

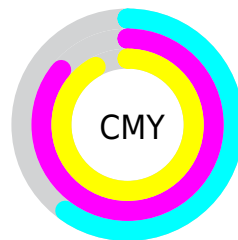


Cyan (0%)

Magenta (66%)

Yellow (81%)

Black (60%)



Cyan (60%)

Magenta (86%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 53.6220, -16.5756, 43.3045 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 53.6220, -16.5756, 43.3045 by changing the saturation by 10% instead.

■ 53.6220, -16.5756,
43.3045

■ 53.6220, -16.5756,
43.3045

■ 254.0880, -3.4944,
0.7998

■ 28.5940, -14.0968,
41.5751

■ 103.4440,
-19.9389, 48.7226

■ 14.9500, -7.3703,
30.7388

■ 129.5260,
-20.9653, 51.2817

■ 3.2890, -1.6215,
6.7625

■ 156.1950,
-22.2811, 53.3260

■ 0.0000, 0.0000,
0.0000

■ 183.3910,
-22.8708, 55.7851

■ 205.1830,
-20.7962, 43.6895

■ 224.6970,

-17.1056, 26.5757

■ 244.3250,
-12.9782, 9.3620

■ 53.6220, -16.5756,
43.3045

■ 53.6220, -16.5756,
43.3045

■ 47.7860, -18.6285,
48.4227

■ 59.4580, -14.5228,
38.1863

■ 41.9500, -20.6813,
53.5409

■ 65.9950, -12.3225,
32.4534

■ 71.8310, -10.2697,
27.3352

■ 78.2540, -8.5062,
21.7022

■ 84.0900, -6.4534,
16.5841

■ 90.6270, -4.2531,
10.8511

■ 96.4630, -2.2003,
5.7329

■ 102.8860, -0.4368,
0.1000

■ 108.8360, 2.0529,
-5.1182

Harmonies

Analogous

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



52.1510, -2.0464, 49.8566



53.6220, -16.5756, 43.3045



54.4770, -26.8572, 27.6457

Triad

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



53.6220, -16.5756, 43.3045



44.7210, -3.8065, -39.2203



46.6830, 34.1733, -40.9410

Complementary

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



53.6220, -16.5756, 43.3045



69.3780, 16.5756, -43.3045

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.



51.6240, 30.2584, -45.2742



53.6220, -16.5756, 43.3045



49.4290, 9.1555, -43.3492

Square

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



53.6220, -16.5756, 43.3045



47.4990, -20.4590, -17.9776



51.9200, 21.2384, -45.5338



58.6850, 21.3543, 10.8003

Rectangle

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



53.6220, -16.5756, 43.3045



53.8020, -26.5244, 14.2056



51.9200, 21.2384, -45.5338



49.1450, 33.4525, -43.1002

Sweetspot

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



53.6220, -16.5756, 43.3045



116.0900, -6.4534, 16.5841



52.6830, 17.9043, 44.1280



56.7410, -3.8163, 10.7511



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



53.6220, -16.5756, 43.3045



57.2570, -26.2557, 68.1806



77.1020, -28.1513, 22.7125



48.0820, -1.0264, 2.5591



46.7120, -23.0290, 59.8886



98.1860, -48.4057, 126.1249

Inverse Universe

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



69.3780, 16.5756, -43.3045



81.7430, 26.2557, -68.1806



45.8980, 28.1513, -22.7125



48.9180, 1.0264, -2.5591



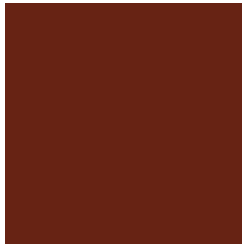
68.2880, 23.0290, -59.8886



143.8140, 48.4057, -126.1249

Previews

White Background



This preview shows how the YUV color 53.6220, -16.5756, 43.3045 looks on a white background.

Color Contrast Check

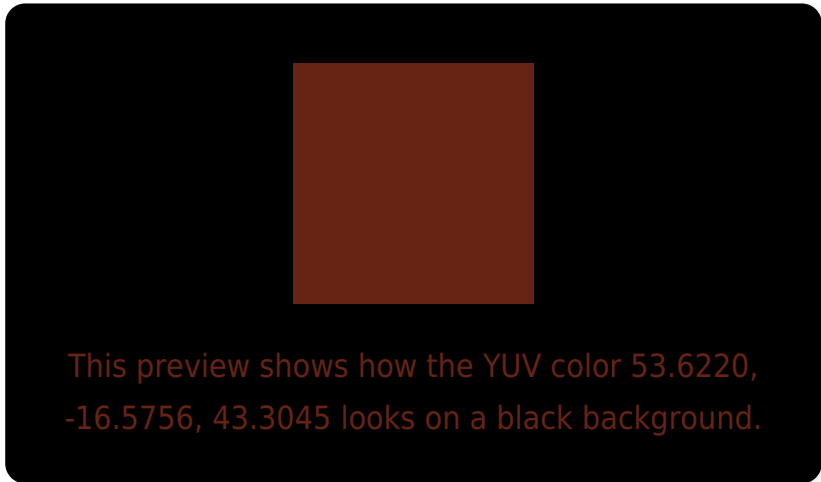
Large Text (above 18pt) WCAG AA ✓ Pass

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 53.6220, -16.5756, 43.3045

Background



This preview shows how black text looks on a background with the YUV color 53.6220, -16.5756, 43.3045.



This preview shows how white text looks on a background with the YUV color 53.6220, -16.5756,

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

53.6220, -16.5756, 43.3045

Protanopia

57.1460, -14.8620, 6.8880

Deuteranopia

56.5940, -20.9988, 15.2651



Tritanopia

54.1580, -9.4449, 42.8344

Trichromacy



Original Color

53.6220, -16.5756, 43.3045

Protanomaly

55.7070, -15.6316, 20.4280

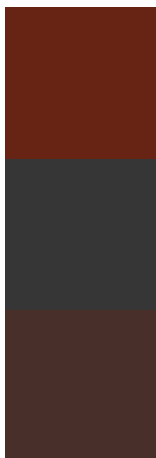
Deuteranomaly

55.4150, -19.4316, 25.9460

Tritanomaly

54.1750, -11.9183, 42.8195

Monochromacy



Original Color

53.6220, -16.5756, 43.3045

Achromatopsia

54.0000, 0.0000, 0.0000

Achromatomaly

53.9050, -5.8692, 15.8693

CSS Examples

Text

The CSS property to change the color of the text to YUV 53.6220, -16.5756, 43.3045 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(103, 35, 20)` looks like.

```
.text, #text, p{  
    color:rgb(103, 35, 20)  
}
```

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(103, 35, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 35, 20) }
```

Border

The CSS property to change the border of an element to YUV 53.6220, -16.5756, 43.3045 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(103, 35, 20) }
```


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

```
.border{ border-color:rgb(103, 35, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 35, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 35, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 35, 20);  
box-shadow:4px 4px 4px 4px rgb(103, 35,  
20) }
```

Background

The CSS property to change the background color of an element to YUV 53.6220, -16.5756, 43.3045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 35, 20) }
```

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

```
.background{ background-color: rgb(103, 35,  
20) }
```

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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