

Converting Colors

YUV(56.3480, 22.5064, 14.6038)

Have a look what the booklet for
YUV(56.3480, 22.5064, 14.6038)
contains.

YUV(56.3480, 22.5064, 14.6038)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(56.3480, 22.5064,
14.6038)**

Conversions

Conversions Part 1

Format	Color
Hex	492766
RGB	73, 39, 102
RGB Percent	29%, 15%, 40%
CMY	0.7137, 0.8471, 0.6000
CMYK	0.28, 0.62, 0.00, 0.60
HSL	272°, 45%, 28%
HSV	272°, 62%, 40%
XYZ	5.8714, 3.8268, 12.9996
YIQ	56.3480, 0.0410, 26.8010

Conversions

Conversions Part 2

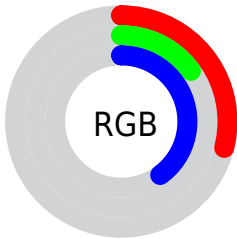
Format	Color
R_{YB}	73, 39, 102
Decimal	4794214
CIE _{Lab}	23.09, 29.16, -31.08
CIE _{LCh}	23, 42.621, 313.172
Yxy	3.8268, 0.2587, 0.1686
Android (android.graphics.Color)	4282984294 (0xFF492766)
YUV	56.3480, 22.5064, 14.6038
Hunter-Lab	19.5622, 19.3414, -25.7060

Details

The YUV color **56.3480, 22.5064, 14.6038** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **84.6520, -22.5064, -14.6038**, and the grayscale version is **56.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **105.1140, 24.1008, 16.5630**, and **14.3430, 20.0439, 11.1002** is the 20% darker color. If you saturate the color by 10%, you get **48.9830, 26.1374, 16.6779**, and if you desaturate by 10%, it is **63.7130, 18.8755, 12.5297**.

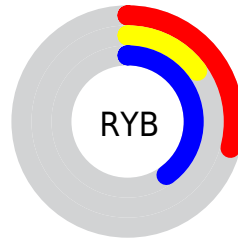
Distribution



Red (29%)

Green (15%)

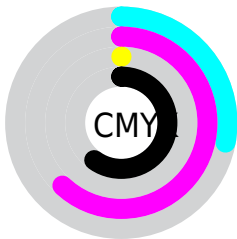
Blue (40%)



Red (29%)

Yellow (15%)

Blue (40%)

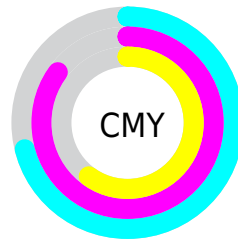


Cyan (28%)

Magenta (62%)

Yellow (0%)

Black (60%)



Cyan (71%)

Magenta (85%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 56.3480, 22.5064, 14.6038 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 56.3480, 22.5064, 14.6038 by changing the saturation by 10% instead.

■ 56.3480, 22.5064,
14.6038

■ 56.3480, 22.5064,
14.6038

■ 255.0000, 0.0000,
0.0000

■ 33.5220, 21.9277,
13.5742

■ 105.1140, 24.1008,
16.5630

■ 14.3430, 20.0439,
11.1002

■ 130.5270, 24.3902,
17.0778

■ 4.8220, 13.3988,
-4.2289

■ 156.7660, 25.2584,
18.6222

■ 0.5700, 2.1840,
-0.4999

■ 184.2930, 25.9846,
19.0370

■ 0.0000, 0.0000,
0.0000

■ 210.5660, 21.9060,
20.5516

■ 233.2810, 10.7075,

19.0476

250.3040, 2.3151,
4.1184

56.3480, 22.5064,
14.6038

56.3480, 22.5064,
14.6038

48.9830, 26.1374,
16.6779

63.7130, 18.8755,
12.5297

41.9170, 29.6209,
19.3668

70.7790, 15.3920,
9.8408

33.9650, 33.5413,
21.9557

78.7310, 11.4716,
7.2519

28.0730, 36.4460,
23.6150

86.0960, 7.8407,
5.1778

93.1620, 4.3571,
2.4889

■ 100.5270, 0.7262,
0.4148

■ 107.8920, -2.9048,
-1.6593

■ 115.8440, -6.8251,
-4.2482

■ 122.9100,
-10.3086, -6.9371

Harmonies

Analogous

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



45.1500, 35.9150, -39.5966



56.3480, 22.5064, 14.6038



50.6740, 11.4997, 45.0129

Triad

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



56.3480, 22.5064, 14.6038



52.4060, -25.8362, 26.8309



48.3690, 10.1711, -42.4196

Complementary

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



56.3480, 22.5064, 14.6038



84.6520, -22.5064, -14.6038

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.



43.9060, -4.3907, -38.5056



56.3480, 22.5064, 14.6038



50.7900, -25.0395, 4.5692

Square

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



56.3480, 22.5064, 14.6038



49.9490, -19.2019, 45.6487



42.6400, -21.0215, -24.2403



51.0880, 23.1276, -44.8042

Rectangle

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



56.3480, 22.5064, 14.6038



46.2640, 3.3208, 55.0195



42.6400, -21.0215, -24.2403



47.1150, 5.3663, -41.3199

Sweetspot

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



56.3480, 22.5064, 14.6038



114.1500, 9.2930, 6.0074



63.2050, 19.1259, -21.2278



55.1020, 5.3727, 3.4185



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



56.3480, 22.5064, 14.6038



61.1330, 35.4304, 22.6854



64.7910, 17.3580, 32.6323



47.4670, 1.7418, 1.3444



31.6480, 41.0925, 26.6187



66.7570, 86.3948, 56.3411

Inverse Universe

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



61.1430, 3.3805, 35.8316



68.8450, 5.4994, 56.2639



76.2090, -17.3580, -32.6323



47.7230, 0.1366, 2.8739



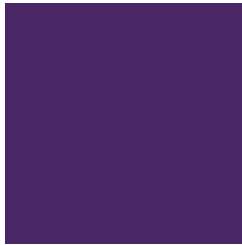
40.4270, 6.1985, 65.4005



85.1260, 13.2489, 137.5785

Previews

White Background



This preview shows how the YUV color 56.3480, 22.5064, 14.6038 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 56.3480, 22.5064, 14.6038 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

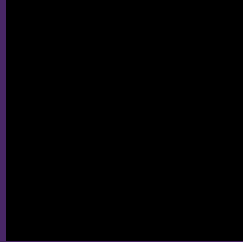
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 56.3480, 22.5064, 14.6038

Background



This preview shows how black text looks on a background with the YUV color 56.3480, 22.5064, 14.6038.



This preview shows how white text looks on a background with the YUV color 56.3480, 22.5064,

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

56.3480, 22.5064, 14.6038

Protanopia

44.6940, 34.1679, -39.1966

Deuteranopia

49.1270, 24.0944, -28.1754



Tritanopia

56.3430, -0.1691, 7.5922

Trichromacy



Original Color

56.3480, 22.5064, 14.6038

Protanomaly

49.3760, 29.8876, -19.6238

Deuteranomaly

51.6990, 23.3194, -12.8910

Tritanomaly

56.2430, 8.2612, 10.3109

Monochromacy



Original Color

56.3480, 22.5064, 14.6038

Achromatopsia

56.0000, 0.0000, 0.0000

Achromatomaly

56.2100, 8.2775, 5.0778

CSS Examples

Text

The CSS property to change the color of the text to YUV 56.3480, 22.5064, 14.6038 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(73, 39, 102)` looks like.

```
.text, #text, p{  
    color:rgb(73, 39, 102)  
}
```

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(73, 39, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 39, 102) }
```

Border

The CSS property to change the border of an element to YUV 56.3480, 22.5064, 14.6038 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(73, 39, 102) }
```


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

```
.border{ border-color:rgb(73, 39, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 39, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 39, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 39, 102);  
box-shadow:4px 4px 4px 4px rgb(73, 39,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 56.3480, 22.5064, 14.6038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 39, 102) }
```

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

```
.background{ background-color: rgb(73, 39,  
102) }
```

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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