

Converting Colors

YUV(53.5680, 15.4960, 23.1809)

Have a look what the booklet for
YUV(53.5680, 15.4960, 23.1809)
contains.

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Color

**YUV(53.5680, 15.4960,
23.1809)**

Conversions

Conversions Part 1

Format	Color
Hex	502255
RGB	80, 34, 85
RGB Percent	31%, 13%, 33%
CMY	0.6863, 0.8667, 0.6667
CMYK	0.06, 0.60, 0.00, 0.67
HSL	294°, 43%, 23%
HSV	294°, 60%, 33%
XYZ	5.5200, 3.5054, 8.9800
YIQ	53.5680, 11.0450, 25.6130

Conversions

Conversions Part 2

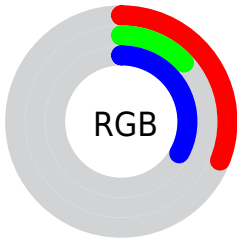
Format	Color
R_{YB}	80, 34, 85
Decimal	5251669
CIE _{Lab}	21.96, 29.99, -21.60
CIE _{LCh}	22, 36.961, 324.236
Yxy	3.5054, 0.3066, 0.1947
Android (android.graphics.Color)	4283441749 (0xFF502255)
YUV	53.5680, 15.4960, 23.1809
Hunter-Lab	18.7227, 19.8620, -15.3314




Details

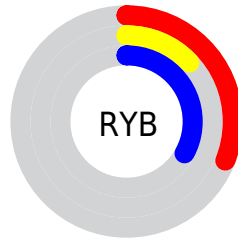
The YUV color **53.5680, 15.4960, 23.1809** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **65.4320, -15.4960, -23.1809**, and the grayscale version is **53.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **102.1060, 16.2167, 25.3400**, and **15.3240, 12.1653, 18.1329** is the 20% darker color. If you saturate the color by 10%, you get **47.9860, 18.2479, 27.1993**, and if you desaturate by 10%, it is **58.5630, 13.0334, 19.6772**.

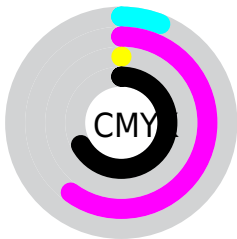
Distribution







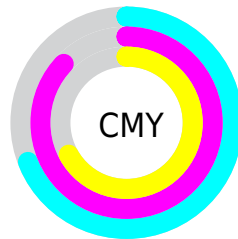
-  Red (31%)
-  Green (13%)
-  Blue (33%)






-  Red (31%)
-  Yellow (13%)
-  Blue (33%)



-  Cyan (6%)
-  Magenta (60%)
-  Yellow (0%)
-  Black (67%)



-  Cyan (69%)
-  Magenta (87%)
-  Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 53.5680, 15.4960, 23.1809 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 53.5680, 15.4960, 23.1809 by changing the saturation by 10% instead.

■ 53.5680, 15.4960,
23.1809

■ 53.5680, 15.4960,
23.1809

■ 255.0000, 0.0000,
0.0000

■ 29.6820, 15.9328,
23.0809

■ 102.1060, 16.2167,
25.3400

■ 15.3240, 12.1653,
18.1329

■ 127.5190, 16.5061,
25.8548

■ 2.5250, 7.1362,
-2.2144

■ 154.2310, 16.6481,
26.9844

■ 0.0000, 0.0000,
0.0000

■ 181.0570, 17.2269,
28.0140

■ 208.8830, 17.8057,
29.0436

■ 230.3460, 12.1544,

21.6216

247.3690, 3.7621,
6.6924

53.5680, 15.4960,
23.1809

53.5680, 15.4960,
23.1809

47.9860, 18.2479,
27.1993

58.5630, 13.0334,
19.6772

42.9910, 20.7104,
30.7029

64.1450, 10.2815,
15.6588

37.7080, 23.3150,
35.3361

68.8410, 7.9664,
11.5404

32.7130, 25.7775,
38.8397

74.4230, 5.2145,
7.5220

79.4180, 2.7519,
4.0184

■ 85.0000, 0.0000,
0.0000

■ 90.5820, -2.7519,
-4.0184

■ 95.5770, -5.2145,
-7.5220

■ 100.2730, -7.5296,
-11.6404

Harmonies

Analogous

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



51.8780, 25.2031, -10.4170



53.5680, 15.4960, 23.1809



49.5290, 4.6692, 42.5091

Triad

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



53.5680, 15.4960, 23.1809



49.6930, -24.4986, 17.8092



46.5910, 13.5126, -40.8603

Complementary

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



53.5680, 15.4960, 23.1809



65.4320, -15.4960, -23.1809

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.



42.8120, 1.5717, -37.5461



53.5680, 15.4960, 23.1809



47.2020, -23.2706, -2.8082

Square

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



53.5680, 15.4960, 23.1809



49.3730, -22.3689, 34.7529



38.4460, -10.0799, -33.7171



48.0390, 24.1378, -42.1302

Rectangle

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



53.5680, 15.4960, 23.1809



48.3740, -3.6354, 46.1530



38.4460, -10.0799, -33.7171



45.5650, 9.5815, -39.9605

Sweetspot

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



53.5680, 15.4960, 23.1809



97.6620, 6.0826, 9.0664



42.7490, 20.8297, -7.6729



48.6570, 3.6201, 5.5628



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



53.5680, 15.4960, 23.1809



61.2350, 24.0411, 35.7509



52.7830, 6.0230, 28.2543



40.6520, 1.1576, 2.0592



41.2010, 32.4389, 48.9357



90.1780, 71.3972, 106.8379

Inverse Universe

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



49.8190, -5.3338, 30.8537



55.4190, -8.5876, 47.8675



66.2170, -6.0230, -28.2543



40.1960, -0.5896, 2.4591



33.1330, -11.4046, 64.7814



72.8870, -24.5943, 142.1731

Previews

White Background



This preview shows how the YUV color 53.5680, 15.4960, 23.1809 looks on a white background.

Color Contrast Check

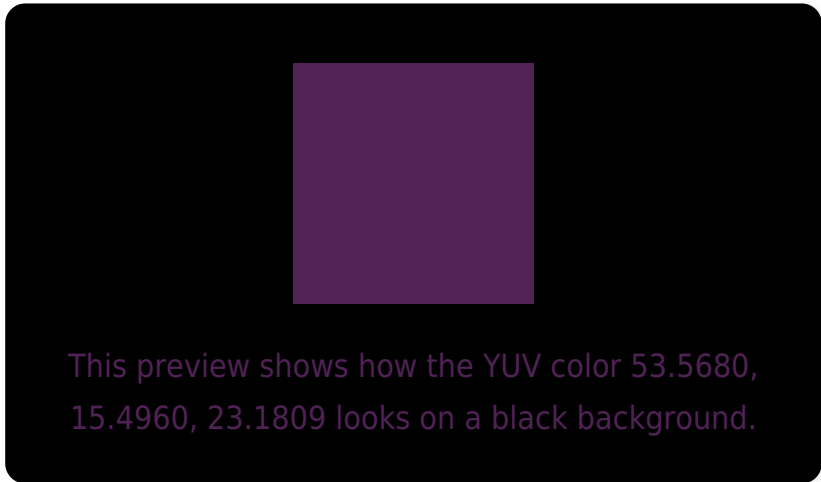
Large Text (above 18pt) WCAG AA ✓ Pass

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

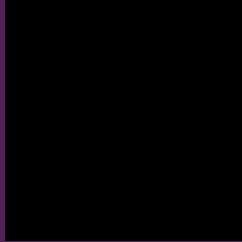
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 53.5680, 15.4960, 23.1809

Background



This preview shows how black text looks on a background with the YUV color 53.5680, 15.4960, 23.1809.



This preview shows how white text looks on a background with the YUV color 53.5680, 15.4960,

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

53.5680, 15.4960, 23.1809

Protanopia

49.9260, 25.6725, -20.9831

Deuteranopia

52.4190, 14.5834, -10.8915



Tritanopia

53.7250, -2.8224, 18.6582

Trichromacy



Original Color

53.5680, 15.4960, 23.1809

Protanomaly

51.1130, 22.1293, -4.4841

Deuteranomaly

52.9090, 14.8349, 1.8338

Tritanomaly

53.4570, 3.7187, 20.6472

Monochromacy



Original Color

53.5680, 15.4960, 23.1809

Achromatopsia

54.0000, 0.0000, 0.0000

Achromatomaly

53.8360, 5.5039, 8.0368

CSS Examples

Text

The CSS property to change the color of the text to YUV 53.5680, 15.4960, 23.1809 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(80, 34, 85)` looks like.

```
.text, #text, p{  
  color:rgb(80, 34, 85)  
}
```

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(80, 34, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 34, 85) }
```

Border

The CSS property to change the border of an element to YUV 53.5680, 15.4960, 23.1809 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(80, 34, 85) }
```


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

```
.border{ border-color:rgb(80, 34, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 34, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 34, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 34, 85);  
box-shadow:4px 4px 4px 4px rgb(80, 34, 85)  
}
```

Background

The CSS property to change the background color of an element to YUV 53.5680, 15.4960, 23.1809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 34, 85) }
```

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

```
.background{ background-color: rgb(80, 34,  
85) }
```

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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