

Converting Colors

YUV(55.6980, 21.8409, 41.4839)

Have a look what the booklet for
YUV(55.6980, 21.8409, 41.4839)
contains.

YUV(55.6980, 21.8409, 41.4839)	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(55.6980, 21.8409,
41.4839)**

Conversions

Conversions Part 1

Format	Color
Hex	671764
RGB	103, 23, 100
RGB Percent	40%, 9%, 39%
CMY	0.5961, 0.9098, 0.6078
CMYK	0.00, 0.78, 0.03, 0.60
HSL	302°, 63%, 25%
HSV	302°, 78%, 40%
XYZ	8.2002, 4.4165, 12.4769
YIQ	55.6980, 22.9630, 40.9070

Conversions

Conversions Part 2

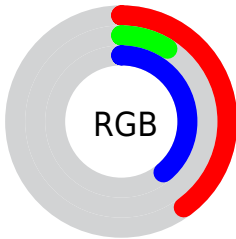
Format	Color
R_{YB}	103, 23, 100
Decimal	6756196
CIE Lab	25.00, 44.20, -26.45
CIE LCh	25, 51.507, 329.104
Yxy	4.4165, 0.3268, 0.1760
Android (android.graphics.Color)	4284946276 (0xFF671764)
YUV	55.6980, 21.8409, 41.4839
Hunter-Lab	21.0154, 32.8735, -20.4898

Details

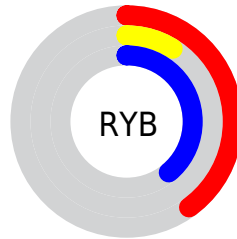
The YUV color **55.6980, 21.8409, 41.4839** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **70.3020, -21.8409, -41.4839**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **108.7690, 20.8199, 42.2986**, and **21.8890, 15.3377, 27.2843** is the 20% darker color. If you saturate the color by 10%, you get **49.8280, 24.7348, 46.6318**, and if you desaturate by 10%, it is **61.5680, 18.9470, 36.3359**.

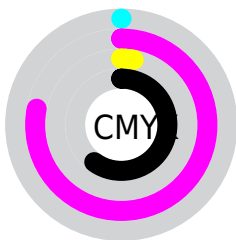
Distribution



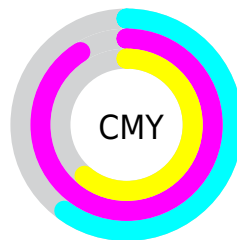
- Red (40%)
- Green (9%)
- Blue (39%)



- Red (40%)
- Yellow (9%)
- Blue (39%)



- Cyan (0%)
- Magenta (78%)
- Yellow (3%)
- Black (60%)



- Cyan (60%)
- Magenta (91%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.6980, 21.8409, 41.4839 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 55.6980, 21.8409, 41.4839 by changing the saturation by 10% instead.

■ 55.6980, 21.8409,
41.4839

■ 55.6980, 21.8409,
41.4839

■ 255.0000, 0.0000,
0.0000

■ 31.6870, 21.8463,
39.7395

■ 108.7690, 20.8199,
42.2986

■ 21.8890, 15.3377,
27.2843

■ 135.4810, 20.9619,
43.4282

■ 11.9060, 9.4133,
14.1144

■ 162.3070, 21.5406,
44.4578

■ 0.1140, 0.4368,
-0.1000

■ 190.0190, 21.6826,
45.5873

■ 0.0000, 0.0000,
0.0000

■ 212.7360, 20.8362,
37.0655

■ 229.1720, 12.7332,

22.6512

246.1950, 4.3409,
7.7220

55.6980, 21.8409,
41.4839

55.6980, 21.8409,
41.4839

49.8280, 24.7348,
46.6318

61.5680, 18.9470,
36.3359

43.2570, 27.4813,
52.3946

68.1390, 16.2005,
30.5731

42.0830, 28.0601,
53.4242

74.0090, 13.3066,
25.4251

79.9930, 10.8495,
20.1771

86.4500, 7.6661,
14.5143

■ 92.3200, 4.7722,
9.3664

■ 98.3040, 2.3151,
4.1184

■ 104.1740, -0.5788,
-1.0296

■ 110.6310, -3.7621,
-6.6924

Harmonies

Analogous

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



57.7070, 34.6544, -8.5130



55.6980, 21.8409, 41.4839



44.1440, 8.8030, 70.0337

Triad

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



55.6980, 21.8409, 41.4839



56.4710, -27.8402, 16.2499



54.9690, 20.2283, -48.2078

Complementary

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



55.6980, 21.8409, 41.4839



70.3020, -21.8409, -41.4839

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.



50.5230, 3.1932, -44.3087



55.6980, 21.8409, 41.4839



50.9790, -25.1326, -12.2596

Square

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



55.6980, 21.8409, 41.4839



54.5760, -26.9060, 43.3448



44.4470, -15.0104, -38.9800



57.3290, 34.3478, -50.2775

Rectangle

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



55.6980, 21.8409, 41.4839



41.5930, -2.2643, 73.1479



44.4470, -15.0104, -38.9800



53.6010, 14.9867, -47.0081

Sweetspot

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



55.6980, 21.8409, 41.4839



116.6890, 8.5343, 16.0587



33.0170, 34.5016, -6.1539



57.7330, 5.0616, 9.8812



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.



55.6980, 21.8409, 41.4839



60.4680, 34.2793, 65.3646



51.1380, 4.3690, 45.4830



48.0650, 1.4470, 2.5740



46.9250, 31.0960, 59.7018



98.9200, 66.1014, 125.4812

Inverse Universe

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



55.6980, 21.8409, 41.4839



60.4680, 34.2793, 65.3646



74.8620, -4.3690, -45.4830



48.0650, 1.4470, 2.5740



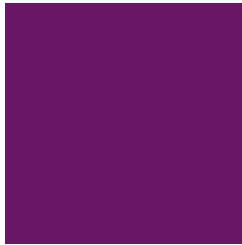
46.9250, 31.0960, 59.7018



98.9200, 66.1014, 125.4812

Previews

White Background



This preview shows how the YUV color 55.6980, 21.8409, 41.4839 looks on a white background.

Color Contrast Check

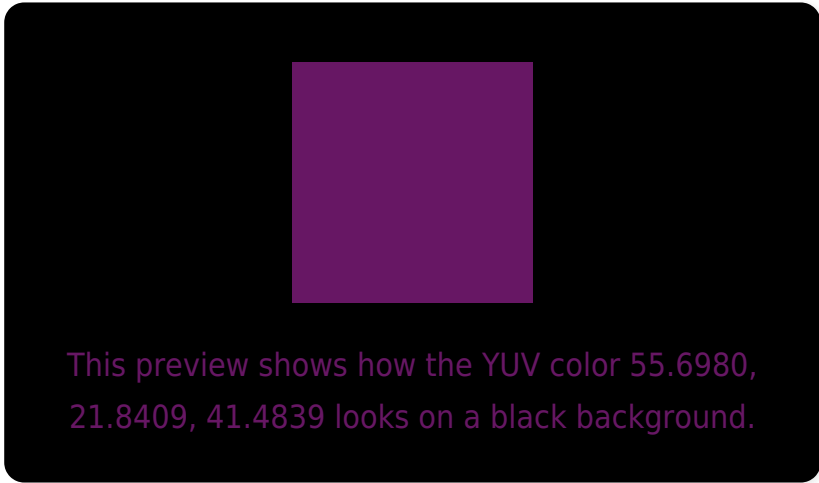
Large Text (above 18pt) WCAG AA ✓ Pass

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

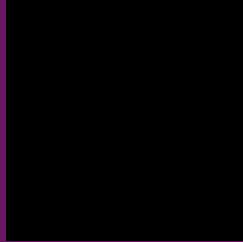
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 55.6980, 21.8409, 41.4839

Background



This preview shows how black text looks on a background with the YUV color 55.6980, 21.8409, 41.4839.



This preview shows how white text looks on a background with the YUV color 55.6980, 21.8409,

41.4839.

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

55.6980, 21.8409, 41.4839

Protanopia

48.8830, 37.5257, -42.8704

Deuteranopia

59.7930, 17.3571, -13.8505



Tritanopia

60.1890, -6.5022, 32.2832

Trichromacy



Original Color

55.6980, 21.8409, 41.4839

Protanomaly

51.2890, 31.9025, -12.5315

Deuteranomaly

58.0820, 19.1866, 6.0671

Tritanomaly

58.2570, 3.8173, 35.7316

Monochromacy



Original Color

55.6980, 21.8409, 41.4839

Achromatopsia

56.0000, 0.0000, 0.0000

Achromatomaly

55.8630, 7.9555, 15.0291

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.6980, 21.8409, 41.4839 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, 23, 100)` looks like.

```
.text, #text, p{  
    color:rgb(103, 23, 100)  
}
```

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, 23, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 23, 100) }
```

Border

The CSS property to change the border of an element to YUV 55.6980, 21.8409, 41.4839 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, 23, 100) }
```


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

```
.border{ border-color:rgb(103, 23, 100) }
```

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

Here you see how a box with a 4 pixel rgb(103, 23, 100) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 23, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 23, 100);  
box-shadow:4px 4px 4px 4px rgb(103, 23,  
100) }
```

Background

The CSS property to change the background color of an element to YUV 55.6980, 21.8409, 41.4839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 23, 100) }
```

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

```
.background{ background-color: rgb(103, 23,  
100) }
```

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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