

Converting Colors

YUV(55.6290, 23.3539, 69.6084)

Have a look what the booklet for
YUV(55.6290, 23.3539, 69.6084)
contains.

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Color

**YUV(55.6290, 23.3539,
69.6084)**

Conversions

Conversions Part 1

Format	Color
Hex	870667
RGB	135, 6, 103
RGB Percent	53%, 2%, 40%
CMY	0.4706, 0.9765, 0.5961
CMYK	0.00, 0.96, 0.24, 0.47
HSL	315°, 91%, 28%
HSV	315°, 96%, 53%
XYZ	12.5050, 6.2604, 13.3813
YIQ	55.6290, 45.7470, 57.5150

Conversions

Conversions Part 2

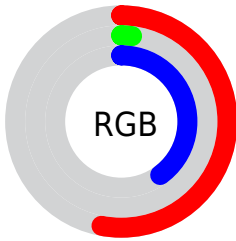
Format	Color
RYB	135, 6, 103
Decimal	8848999
CIELab	30.06, 55.77, -20.02
CIElCh	30, 59.253, 340.251
Yxy	6.2604, 0.3890, 0.1947
Android (android.graphics.Color)	4287039079 (0xFF870667)
YUV	55.6290, 23.3539, 69.6084
Hunter-Lab	25.0208, 45.4248, -14.1940

Details

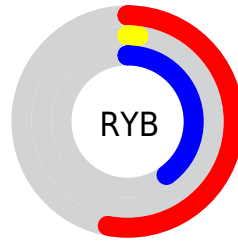
The YUV color **55.6290, 23.3539, 69.6084** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **85.3710, -23.3539, -69.6084**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.4020, 17.5498, 64.5454**, and **30.3040, 12.6681, 43.5834** is the 20% darker color. If you saturate the color by 10%, you get **51.9930, 24.6535, 72.7971**, and if you desaturate by 10%, it is **64.1890, 20.6128, 62.1012**.

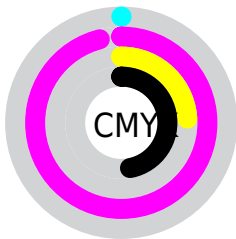
Distribution



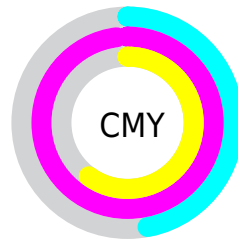
- Red (53%)
- Green (2%)
- Blue (40%)



- Red (53%)
- Yellow (2%)
- Blue (40%)



- Cyan (0%)
- Magenta (96%)
- Yellow (24%)
- Black (47%)



- Cyan (47%)
- Magenta (98%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.6290, 23.3539, 69.6084 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 55.6290, 23.3539, 69.6084 by changing the saturation by 10% instead.

■ 55.6290, 23.3539,
69.6084

■ 55.6290, 23.3539,
69.6084

■ 255.0000, 0.0000,
0.0000

■ 40.9990, 18.7345,
57.8829

■ 118.4020, 17.5498,
64.5454

■ 30.3040, 12.6681,
43.5834

■ 146.5870, 16.9656,
65.2602

■ 21.0330, 6.8857,
31.5431

■ 174.5980, 16.9602,
67.0046

■ 8.0880, -0.0434,
13.9548


■ 195.4220, 20.4980,
52.2499


■ 0.0000, 0.0000,
0.0000


■ 213.9100, 20.2574,
36.0359


■ 230.9330, 11.8650,


21.1068


 247.9560, 3.4727,
6.1776

 55.6290, 23.3539,
69.6084


 55.6290, 23.3539,
69.6084


 51.9930, 24.6535,
72.7971

 64.1890, 20.6128,
62.1012

 72.2760, 18.5979,
55.0089

 80.8360, 15.8569,
47.5018

 88.8090, 13.4052,
40.5095

 97.4830, 11.1009,
32.9024

■ 105.4560, 8.6492,
25.9101

■ 114.0160, 5.9081,
18.4030

■ 122.1030, 3.8932,
11.3107

■ 130.6630, 1.1521,
3.8035

Harmonies

Analogous

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



71.5620, 34.7259, 15.2931



55.6290, 23.3539, 69.6084



51.0490, 2.9338, 85.9030

Triad

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



55.6290, 23.3539, 69.6084



65.2650, -32.1756, 6.7836



67.0630, 31.0279, -58.8143

Complementary

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



55.6290, 23.3539, 69.6084



85.3710, -23.3539, -69.6084

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.



62.6340, 11.5194, -54.9300



55.6290, 23.3539, 69.6084



51.4120, -25.3461, -37.1953

Square

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



55.6290, 23.3539, 69.6084



66.9470, -33.0049, 39.5115



55.8740, -9.3049, -49.0015



67.4340, 45.1420, -59.1396

Rectangle

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



55.6290, 23.3539, 69.6084



52.7050, -12.1796, 80.0657



55.8740, -9.3049, -49.0015



66.0540, 24.6234, -57.9294

Sweetspot

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



55.6290, 23.3539, 69.6084



144.5810, 9.0806, 27.5545



29.6760, 51.9247, 5.5461



70.0050, 5.9135, 16.6586



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



55.6290, 23.3539, 69.6084



67.6720, 31.7137, 95.0037



48.4470, -4.1644, 75.9070



62.3640, 1.2995, 3.1888



50.0420, 23.6433, 70.1232



1.1250, 0.4314, 1.6444

Inverse Universe

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



55.6290, 23.3539, 69.6084



67.6720, 31.7137, 95.0037



92.5530, 4.1644, -75.9070



62.3640, 1.2995, 3.1888



50.0420, 23.6433, 70.1232



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 55.6290, 23.3539, 69.6084 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

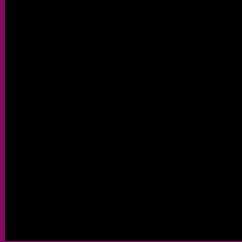
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 55.6290, 23.3539, 69.6084

Background



This preview shows how black text looks on a background with the YUV color 55.6290, 23.3539, 69.6084.



This preview shows how white text looks on a background with the YUV color 55.6290, 23.3539,

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

55.6290, 23.3539, 69.6084

Protanopia

65.7960, 39.5406, -35.7781

Deuteranopia

73.5400, 11.0728, -4.8586



Tritanopia

67.8390, -12.2456, 54.5152

Trichromacy



Original Color

55.6290, 23.3539, 69.6084

Protanomaly

61.8440, 33.6009, 2.7678

Deuteranomaly

66.9700, 15.7908, 21.9513

Tritanomaly

63.3140, 0.8312, 60.2376

Monochromacy



Original Color

55.6290, 23.3539, 69.6084

Achromatopsia

56.0000, 0.0000, 0.0000

Achromatomaly

56.0430, 8.3598, 25.3953

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.6290, 23.3539, 69.6084 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(135, 6, 103)` looks like.

```
.text, #text, p{  
    color:rgb(135, 6, 103)  
}
```

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(135, 6, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 6, 103) }
```

Border

The CSS property to change the border of an element to YUV 55.6290, 23.3539, 69.6084 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(135, 6, 103) }
```


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

```
.border{ border-color:rgb(135, 6, 103) }
```

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

Here you see how a box with a 4 pixel rgb(135, 6, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 6, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 6, 103);  
box-shadow:4px 4px 4px 4px rgb(135, 6,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 55.6290, 23.3539, 69.6084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 6, 103) }
```

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

```
.background{ background-color: rgb(135, 6,  
103) }
```

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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