

Converting Colors

YUV(51.3660, 25.4556, 48.7910)

Have a look what the booklet for
YUV(51.3660, 25.4556, 48.7910)
contains.

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Color

**YUV(51.3660, 25.4556,
48.7910)**

Conversions

Conversions Part 1

Format	Color
Hex	6B0D67
RGB	107, 13, 103
RGB Percent	42%, 5%, 40%
CMY	0.5804, 0.9490, 0.5961
CMYK	0.00, 0.88, 0.04, 0.58
HSL	303°, 78%, 24%
HSV	303°, 88%, 42%
XYZ	8.6555, 4.3929, 13.2237
YIQ	51.3660, 27.1340, 47.9180

Conversions

Conversions Part 2

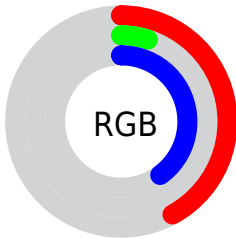
Format	Color
R_{YB}	107, 13, 103
Decimal	7015783
CIE _{Lab}	24.93, 48.53, -28.47
CIE _{LCh}	25, 56.266, 329.597
Yxy	4.3929, 0.3295, 0.1672
Android (android.graphics.Color)	4285205863 (0xFF6B0D67)
YUV	51.3660, 25.4556, 48.7910
Hunter-Lab	20.9593, 37.0360, -22.7359

Details

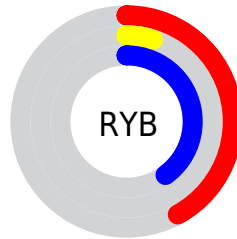
The YUV color **51.3660, 25.4556, 48.7910** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **68.6340, -25.4556, -48.7910**, and the grayscale version is **51.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.4860, 23.4244, 46.9318**, and **23.0140, 15.7691, 28.9287** is the 20% darker color. If you saturate the color by 10%, you get **44.9090, 28.6389, 54.4538**, and if you desaturate by 10%, it is **57.8230, 22.2723, 43.1282**.

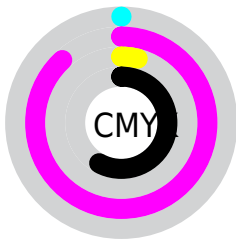
Distribution



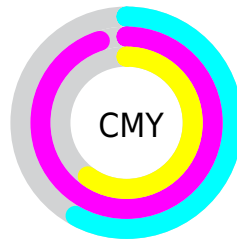
- Red (42%)
- Green (5%)
- Blue (40%)



- Red (42%)
- Yellow (5%)
- Blue (40%)



- Cyan (0%)
- Magenta (88%)
- Yellow (4%)
- Black (58%)



- Cyan (58%)
- Magenta (95%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 51.3660, 25.4556, 48.7910 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 51.3660, 25.4556, 48.7910 by changing the saturation by 10% instead.

51.3660, 25.4556,
48.7910

51.3660, 25.4556,
48.7910

255.0000, 0.0000,
0.0000

33.2250, 22.5671,
41.8987

107.4860, 23.4244,
46.9318

23.0140, 15.7691,
28.9287

134.1980, 23.5664,
48.0614

13.1450, 10.2815,
15.6588

161.7960, 23.2716,
49.2909

0.6840, 2.6208,
-0.5999

189.6220, 23.8504,
50.3205


0.0000, 0.0000,
0.0000


210.3880, 21.9937,
39.1247


226.8240, 13.8908,


24.7104


 243.8470, 5.4984,
9.7812


 51.3660, 25.4556,
48.7910


 51.3660, 25.4556,
48.7910


 44.9090, 28.6389,
54.4538


 57.8230, 22.2723,
43.1282

 43.6210, 28.7808,
55.5834

 63.8070, 19.8151,
37.8803

 70.2640, 16.6318,
32.2175

 76.8350, 13.8853,
26.4547

 82.7050, 10.9914,
21.3067

■ 89.2760, 8.2449,
15.5439

■ 95.7330, 5.0616,
9.8812

■ 102.3040, 2.3151,
4.1184

■ 108.1740, -0.5788,
-1.0296

Harmonies

Analogous

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



56.9070, 38.0068, -10.4424



51.3660, 25.4556, 48.7910



45.6390, 8.0660, 73.1076

Triad

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



51.3660, 25.4556, 48.7910



56.1720, -27.6928, 15.6352



56.1260, 22.1229, -49.2225

Complementary

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



51.3660, 25.4556, 48.7910



68.6340, -25.4556, -48.7910

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.



51.1100, 2.9038, -44.8235



51.3660, 25.4556, 48.7910



49.1850, -24.2482, -15.9482

Square

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



51.3660, 25.4556, 48.7910



54.0000, -26.6220, 45.6040



43.8770, -17.1944, -38.4801



58.6000, 36.6792, -51.3922

Rectangle

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



51.3660, 25.4556, 48.7910



42.4470, -4.1644, 75.9070



43.8770, -17.1944, -38.4801



54.5300, 16.0077, -47.8228

Sweetspot

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



51.3660, 25.4556, 48.7910



118.7540, 9.9813, 18.6327



24.6130, 40.6168, -7.5536



57.9720, 5.9298, 11.4256



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



51.3660, 25.4556, 48.7910



57.1360, 37.8940, 72.6717



46.1220, 5.3629, 53.3900



50.3640, 1.2995, 3.1888



47.7510, 31.6748, 60.7314



99.9310, 66.0960, 127.2255

Inverse Universe

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



51.3660, 25.4556, 48.7910



57.1360, 37.8940, 72.6717



73.8780, -5.3629, -53.3900



50.3640, 1.2995, 3.1888



47.7510, 31.6748, 60.7314



99.9310, 66.0960, 127.2255

Previews

White Background



This preview shows how the YUV color 51.3660, 25.4556, 48.7910 looks on a white background.

Color Contrast Check

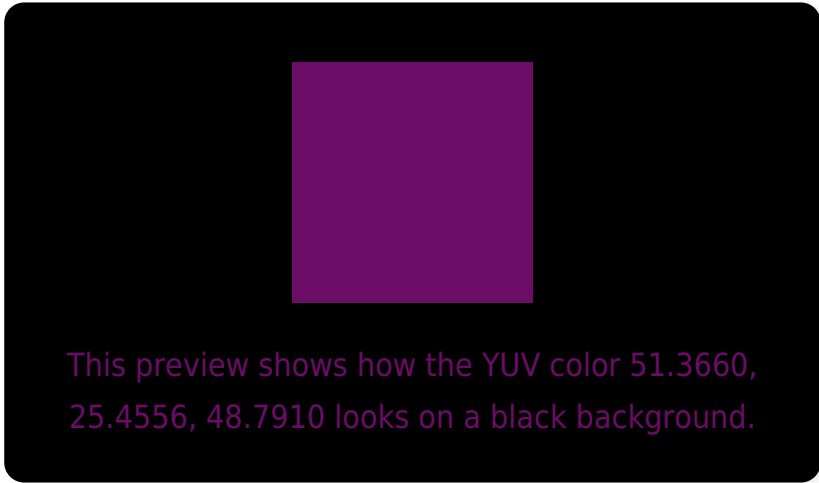
Large Text (above 18pt) WCAG AA ✓ Pass

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

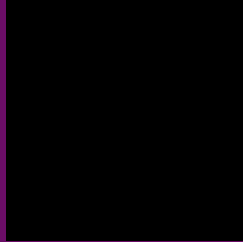
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 51.3660, 25.4556, 48.7910

Background



This preview shows how black text looks on a background with the YUV color 51.3660, 25.4556, 48.7910.



This preview shows how white text looks on a background with the YUV color 51.3660, 25.4556,

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

51.3660, 25.4556, 48.7910

Protanopia

48.9970, 37.9625, -42.9704

Deuteranopia

59.4230, 18.5255, -15.2800



Tritanopia

59.8690, -7.8234, 36.0719

Trichromacy



Original Color

51.3660, 25.4556, 48.7910

Protanomaly

49.7670, 33.6389, -9.4427

Deuteranomaly

56.8480, 20.7809, 8.0263

Tritanomaly

56.4040, 4.2378, 40.8647

Monochromacy



Original Color

51.3660, 25.4556, 48.7910

Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

50.9280, 9.4025, 17.6031

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.3660, 25.4556, 48.7910 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(107, 13, 103)` looks like.

```
.text, #text, p{  
    color:rgb(107, 13, 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(107, 13, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 13, 103) }
```

Border

The CSS property to change the border of an element to YUV 51.3660, 25.4556, 48.7910 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(107, 13, 103) }
```


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

```
.border{ border-color:rgb(107, 13, 103) }
```

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

Here you see how a box with a 4 pixel rgb(107, 13, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 13, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 13, 103);  
box-shadow:4px 4px 4px 4px rgb(107, 13,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 51.3660, 25.4556, 48.7910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 13, 103) }
```

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

```
.background{ background-color: rgb(107, 13,  
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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