

Converting Colors

YUV(63.5750, 18.4505, 55.6237)

Have a look what the booklet for
YUV(63.5750, 18.4505, 55.6237)
contains.

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Color

**YUV(63.5750, 18.4505,
55.6237)**

Conversions

Conversions Part 1

Format	Color
Hex	7F1865
RGB	127, 24, 101
RGB Percent	50%, 9%, 40%
CMY	0.5020, 0.9059, 0.6039
CMYK	0.00, 0.81, 0.20, 0.50
HSL	315°, 68%, 30%
HSV	315°, 81%, 50%
XYZ	11.4280, 6.1049, 12.8880
YIQ	63.5750, 36.6710, 45.7830

Conversions

Conversions Part 2

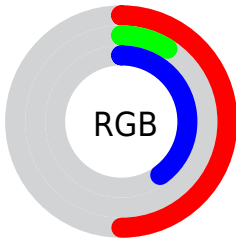
Format	Color
R_{YB}	127, 24, 101
Decimal	8329317
CIE _{Lab}	29.68, 49.90, -19.45
CIE _{LCh}	30, 53.560, 338.710
Yxy	6.1049, 0.3757, 0.2007
Android (android.graphics.Color)	4286519397 (0xFF7F1865)
YUV	63.5750, 18.4505, 55.6237
Hunter-Lab	24.7081, 39.3209, -13.6306

Details

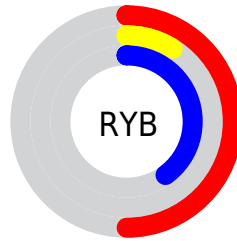
The YUV color **63.5750, 18.4505, 55.6237** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **87.4250, -18.4505, -55.6237**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.5920, 15.9771, 55.6088**, and **28.2820, 12.6790, 40.0947** is the 20% darker color. If you saturate the color by 10%, you get **55.6020, 20.9022, 62.6160**, and if you desaturate by 10%, it is **71.5480, 15.9988, 48.6314**.

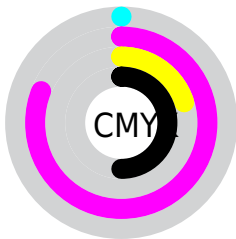
Distribution



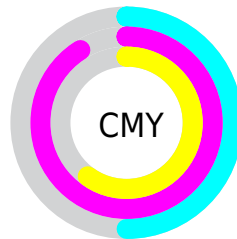
- Red (50%)
- Green (9%)
- Blue (40%)



- Red (50%)
- Yellow (9%)
- Blue (40%)



- Cyan (0%)
- Magenta (81%)
- Yellow (20%)
- Black (50%)



- Cyan (50%)
- Magenta (91%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.5750, 18.4505, 55.6237 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 63.5750, 18.4505, 55.6237 by changing the saturation by 10% instead.

63.5750, 18.4505,
55.6237

63.5750, 18.4505,
55.6237

255.0000, 0.0000,
0.0000

38.6780, 18.8927,
53.7794

119.5920, 15.9771,
55.6088

28.2820, 12.6790,
40.0947

146.6030, 15.9717,
57.3532

19.0110, 6.8966,
28.0544

174.3150, 16.1137,
58.4827

4.0440, -0.0217,
6.9774

198.1290, 18.1774,
49.8759

0.0000, 0.0000,
0.0000

216.8450, 18.8104,
33.4619

233.2810, 10.7075,

19.0476

250.3040, 2.3151,
4.1184

63.5750, 18.4505,
55.6237

63.5750, 18.4505,
55.6237

55.6020, 20.9022,
62.6160

71.5480, 15.9988,
48.6314

48.8030, 22.7751,
68.5788

78.9340, 13.8365,
42.1539

87.0210, 11.8216,
35.0616

94.9940, 9.3700,
28.0693

102.3800, 7.2077,
21.5917

■ 110.3530, 4.7560,
14.5994

■ 118.3260, 2.3043,
7.6071

■ 126.4130, 0.2894,
0.5148

■ 133.7990, -1.8729,
-5.9627

Harmonies

Analogous

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



71.1440, 31.9740, 11.2747



63.5750, 18.4505, 55.6237



51.9340, 3.9765, 78.1109

Triad

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



63.5750, 18.4505, 55.6237



64.9880, -32.0391, 9.6575



64.8630, 27.6755, -56.8849

Complementary

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



63.5750, 18.4505, 55.6237



87.4250, -18.4505, -55.6237

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.



60.3030, 10.2036, -52.8857



63.5750, 18.4505, 55.6237



55.3210, -27.2733, -25.7145

Square

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



63.5750, 18.4505, 55.6237



65.7620, -32.4207, 38.7967



54.7000, -8.7261, -47.9719



65.0060, 40.9160, -57.0103

Rectangle

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



63.5750, 18.4505, 55.6237



58.5250, -12.5838, 69.6996



54.7000, -8.7261, -47.9719



63.4950, 22.4340, -55.6851

Sweetspot

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



63.5750, 18.4505, 55.6237



141.3800, 7.2077, 21.5917



43.5160, 41.1576, 5.6865



69.2280, 4.3246, 12.9550



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



63.5750, 18.4505, 55.6237



66.8190, 28.6832, 86.9817



57.7610, -3.8262, 60.7226



59.6630, 1.1521, 3.8035



49.1020, 22.6277, 69.1935



0.0000, 0.0000, 0.0000

Inverse Universe

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



63.5750, 18.4505, 55.6237



66.8190, 28.6832, 86.9817



93.2390, 3.8262, -60.7226



59.6630, 1.1521, 3.8035



49.1020, 22.6277, 69.1935



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 63.5750, 18.4505, 55.6237 looks on a white background.

Color Contrast Check

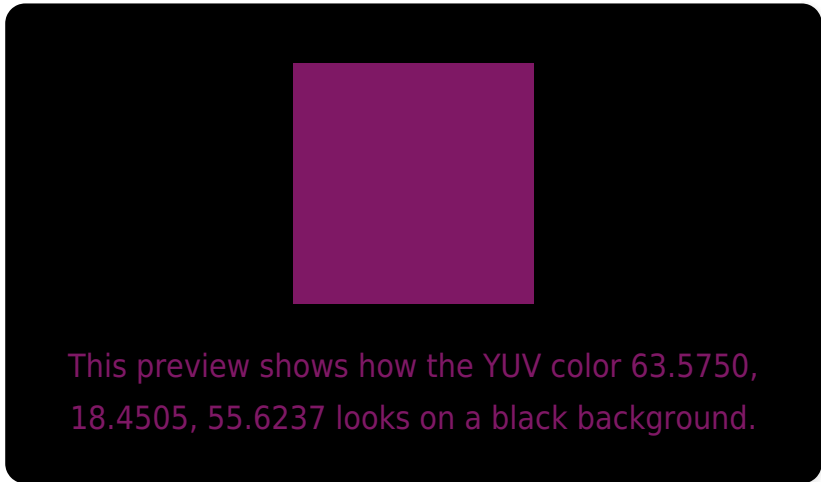
Large Text (above 18pt) WCAG AA ✓ Pass

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

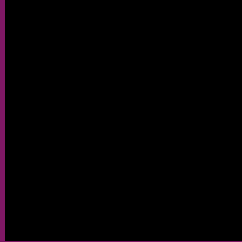
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.5750, 18.4505, 55.6237

Background



This preview shows how black text looks on a background with the YUV color 63.5750, 18.4505, 55.6237.



This preview shows how white text looks on a background with the YUV color 63.5750, 18.4505,

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

63.5750, 18.4505, 55.6237

Protanopia

66.2870, 34.8615, -28.3157

Deuteranopia

71.6540, 11.5096, -4.9586



Tritanopia

67.6640, -10.1874, 47.6527

Trichromacy



Original Color

63.5750, 18.4505, 55.6237

Protanomaly

65.5790, 28.8016, 2.1232

Deuteranomaly

68.4810, 14.0599, 17.1182

Tritanomaly

66.4330, 0.2795, 50.4863

Monochromacy



Original Color

63.5750, 18.4505, 55.6237

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

63.5540, 6.6289, 20.5621

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.5750, 18.4505, 55.6237 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(127, 24, 101)` looks like.

```
.text, #text, p{  
    color:rgb(127, 24, 101)  
}
```

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(127, 24, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 24, 101) }
```

Border

The CSS property to change the border of an element to YUV 63.5750, 18.4505, 55.6237 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(127, 24, 101) }
```


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

```
.border{ border-color:rgb(127, 24, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 24, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 24, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 24, 101);  
box-shadow:4px 4px 4px 4px rgb(127, 24,  
101) }
```

Background

The CSS property to change the background color of an element to YUV 63.5750, 18.4505, 55.6237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 24, 101) }
```

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

```
.background{ background-color: rgb(127, 24,  
101) }
```

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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