

Converting Colors

YUV(63.5270, 7.6282, 26.7248)

Have a look what the booklet for
YUV(63.5270, 7.6282, 26.7248)
contains.

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Color

**YUV(63.5270, 7.6282,
26.7248)**

Conversions

Conversions Part 1

Format	Color
Hex	5E2D4F
RGB	94, 45, 79
RGB Percent	37%, 18%, 31%
CMY	0.6314, 0.8235, 0.6902
CMYK	0.00, 0.52, 0.16, 0.63
HSL	318°, 35%, 27%
HSV	318°, 52%, 37%
XYZ	6.9658, 4.8210, 7.9605
YIQ	63.5270, 18.2900, 20.9620

Conversions

Conversions Part 2

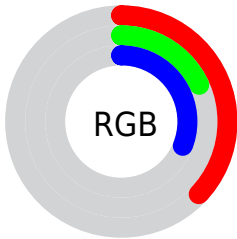
Format	Color
RYB	94, 45, 79
Decimal	6171983
CIELab	26.22, 27.26, -10.84
CIElCh	26, 29.340, 338.321
Yxy	4.8210, 0.3527, 0.2441
Android (android.graphics.Color)	4284362063 (0xFF5E2D4F)
YUV	63.5270, 7.6282, 26.7248
Hunter-Lab	21.9567, 18.2049, -6.1263

Details

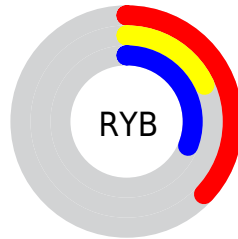
The YUV color **63.5270, 7.6282, 26.7248** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **75.4730, -7.6282, -26.7248**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.8370, 7.4754, 29.0840**, and **17.7440, 8.5072, 24.7805** is the 20% darker color. If you saturate the color by 10%, you get **57.9020, 8.9223, 31.6579**, and if you desaturate by 10%, it is **69.1520, 6.3341, 21.7917**.

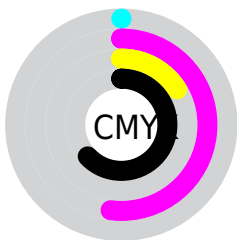
Distribution



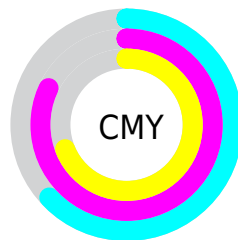
- Red (37%)
- Green (18%)
- Blue (31%)



- Red (37%)
- Yellow (18%)
- Blue (31%)



- Cyan (0%)
- Magenta (52%)
- Yellow (16%)
- Black (63%)



- Cyan (63%)
- Magenta (82%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.5270, 7.6282, 26.7248 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 63.5270, 7.6282, 26.7248 by changing the saturation by 10% instead.

63.5270, 7.6282,
26.7248

63.5270, 7.6282,
26.7248

255.0000, 0.0000,
0.0000

39.9290, 7.9230,
25.4953

112.8370, 7.4754,
29.0840

17.7440, 8.5072,
24.7805

138.5490, 7.6173,
30.2135

7.2340, 1.8566,
11.1958

165.2610, 7.7593,
31.3431

0.0000, 0.0000,
0.0000

192.6740, 8.0487,
31.8579

219.4890, 8.6329,
31.1431

237.9770, 8.3923,

14.9292

■ 63.5270, 7.6282,
26.7248

■ 63.5270, 7.6282,
26.7248

■ 57.9020, 8.9223,
31.6579

■ 69.1520, 6.3341,
21.7917

■ 51.6900, 10.5058,
37.1059

■ 75.3640, 4.7505,
16.3438

■ 46.0650, 11.8000,
42.0390

■ 80.9890, 3.4564,
11.4106

■ 39.8530, 13.3835,
47.4869

■ 87.2010, 1.8729,
5.9627

■ 35.5160, 14.5356,
51.2905

■ 92.7120, 0.1420,
1.1296

■ 98.3370, -1.1521,
-3.8035

■ 104.5490, -2.7357,
-9.2515

■ 110.1740, -4.0298,
-14.1846

■ 116.3860, -5.6133,
-19.6325

Harmonies

Analogous

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



63.9850, 16.2764, 6.1522



63.5270, 7.6282, 26.7248



61.9490, -2.4399, 36.0017

Triad

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



63.5270, 7.6282, 26.7248



59.0230, -21.7033, 7.8728



52.4100, 18.0389, -45.9636

Complementary

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



63.5270, 7.6282, 26.7248



75.4730, -7.6282, -26.7248

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.



50.6030, 8.5767, -44.3788



63.5270, 7.6282, 26.7248



56.8080, -15.6813, -10.3556

Square

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



63.5270, 7.6282, 26.7248



60.5780, -20.0050, 23.1721



48.2910, -1.6225, -39.7202



52.2450, 25.0222, -45.8189

Rectangle

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



63.5270, 7.6282, 26.7248



61.1140, -9.4232, 35.8570



48.2910, -1.6225, -39.7202



52.3130, 15.1287, -45.8785

Sweetspot

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



63.5270, 7.6282, 26.7248



110.1630, 2.8776, 10.3810



55.0710, 19.1920, 4.3227



54.2010, 1.8729, 5.9627



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



63.5270, 7.6282, 26.7248



74.1790, 12.2368, 41.9390



60.7910, -2.8550, 29.1243



42.8370, 0.5734, 2.7740



41.5540, 16.9819, 60.0271



89.6730, 37.1362, 129.2058

Inverse Universe

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



63.5270, 7.6282, 26.7248



74.1790, 12.2368, 41.9390



78.2090, 2.8550, -29.1243



42.8370, 0.5734, 2.7740



41.5540, 16.9819, 60.0271



89.6730, 37.1362, 129.2058

Previews

White Background



This preview shows how the YUV color 63.5270, 7.6282, 26.7248 looks on a white background.

Color Contrast Check

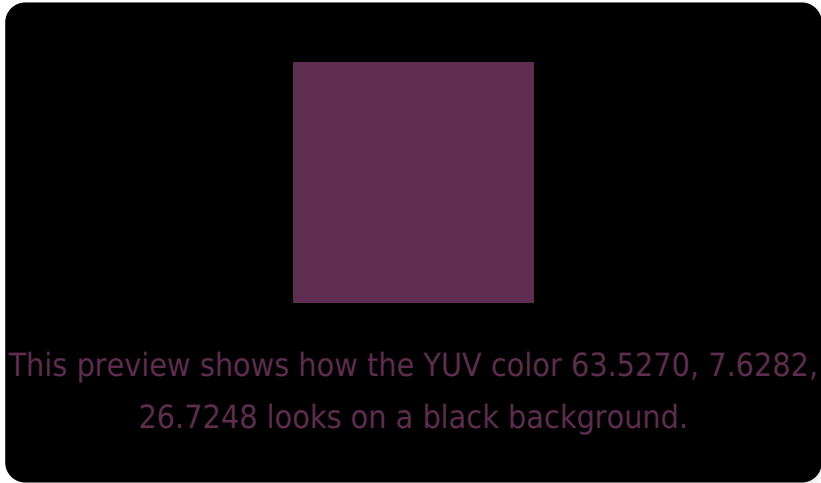
Large Text (above 18pt) WCAG AA ✓ Pass

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

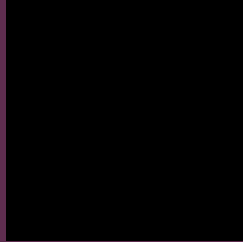
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.5270, 7.6282, 26.7248

Background



This preview shows how black text looks on a background with the YUV color 63.5270, 7.6282, 26.7248.



This preview shows how white text looks on a background with the YUV color 63.5270, 7.6282, 26.7248.

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

63.5270, 7.6282, 26.7248

Protanopia

62.7290, 14.4306, -8.5323

Deuteranopia

63.0090, 6.4046, -0.8849



Tritanopia

63.3020, -4.5859, 24.2911

Trichromacy



Original Color

63.5270, 7.6282, 26.7248

Protanomaly

63.1220, 11.7719, 4.2780

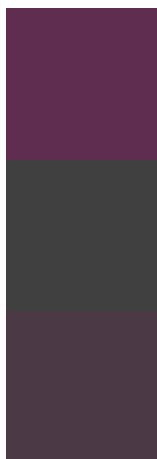
Deuteranomaly

63.1890, 6.8088, 9.4812

Tritanomaly

63.4530, -0.2233, 25.0357

Monochromacy



Original Color

63.5270, 7.6282, 26.7248

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

63.7500, 2.5882, 9.8663

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.5270, 7.6282, 26.7248 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(94, 45, 79)` looks like.

```
.text, #text, p{  
    color:rgb(94, 45, 79)  
}
```

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(94, 45, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 45, 79) }
```

Border

The CSS property to change the border of an element to YUV 63.5270, 7.6282, 26.7248 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(94, 45, 79) }
```


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

```
.border{ border-color:rgb(94, 45, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 45, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 45, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 45, 79);  
box-shadow:4px 4px 4px 4px rgb(94, 45, 79)  
}
```

Background

The CSS property to change the background color of an element to YUV 63.5270, 7.6282, 26.7248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 45, 79) }
```

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

```
.background{ background-color: rgb(94, 45,  
79) }
```

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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