

Converting Colors

YUV(56.5270, 7.6282, 26.7248)

Have a look what the booklet for
YUV(56.5270, 7.6282, 26.7248)
contains.

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Color

**YUV(56.5270, 7.6282,
26.7248)**

Conversions

Conversions Part 1

Format	Color
Hex	572648
RGB	87, 38, 72
RGB Percent	34%, 15%, 28%
CMY	0.6588, 0.8510, 0.7176
CMYK	0.00, 0.56, 0.17, 0.66
HSL	318°, 39%, 25%
HSV	318°, 56%, 34%
XYZ	5.7933, 3.8803, 6.5745
YIQ	56.5270, 18.2900, 20.9620

Conversions

Conversions Part 2

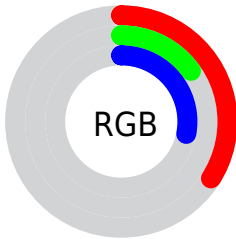
Format	Color
R_{YB}	87, 38, 72
Decimal	5711432
CIE Lab	23.27, 27.50, -10.75
CIE LCh	23, 29.526, 338.642
Yxy	3.8803, 0.3566, 0.2388
Android (android.graphics.Color)	4283901512 (0xFF572648)
YUV	56.5270, 7.6282, 26.7248
Hunter-Lab	19.6986, 18.0238, -5.9994

Details

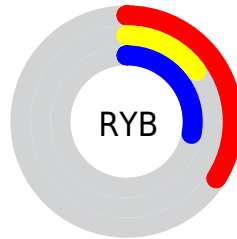
The YUV color **56.5270, 7.6282, 26.7248** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **68.4730, -7.6282, -26.7248**, and the grayscale version is **56.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **104.9510, 7.9122, 28.9840**, and **15.5650, 6.6235, 22.3065** is the 20% darker color. If you saturate the color by 10%, you get **50.9020, 8.9223, 31.6579**, and if you desaturate by 10%, it is **62.1520, 6.3341, 21.7917**.

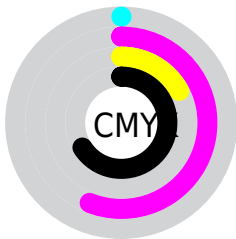
Distribution



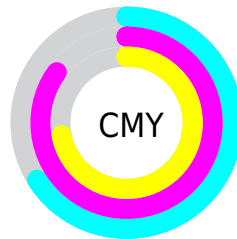
- Red (34%)
- Green (15%)
- Blue (28%)



- Red (34%)
- Yellow (15%)
- Blue (28%)



- Cyan (0%)
- Magenta (56%)
- Yellow (17%)
- Black (66%)



- Cyan (66%)
- Magenta (85%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the YUV color 56.5270, 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 56.5270, 7.6282, 26.7248 by changing the saturation by 10% instead.

 56.5270, 7.6282,
26.7248

 56.5270, 7.6282,
26.7248

255.0000, 0.0000,
0.0000


 33.2280, 7.7756,
26.1100

 104.9510, 7.9122,
28.9840

 15.5650, 6.6235,
22.3065

 130.5490, 7.6173,
30.2135

 0.0000, 0.0000,
0.0000

 157.2610, 7.7593,
31.3431

 184.5600, 7.6119,
31.9579

 212.2720, 7.7539,
33.0875

 233.2810, 10.7075,

19.0476

250.3040, 2.3151,
4.1184

56.5270, 7.6282,
26.7248

56.5270, 7.6282,
26.7248

50.9020, 8.9223,
31.6579

62.1520, 6.3341,
21.7917

45.9780, 10.3638,
35.9763

67.0760, 4.8925,
17.4733

40.3530, 11.6580,
40.9094

72.7010, 3.5984,
12.5402

34.7280, 12.9521,
45.8425

78.3260, 2.3043,
7.6071

32.8530, 13.3835,
47.4869

83.8370, 0.5734,
2.7740

■ 88.8750, -0.4314,
-1.6444

■ 94.5000, -1.7255,
-6.5775

■ 100.0110, -3.4564,
-11.4106

■ 105.0490, -4.4612,
-15.8290

Harmonies

Analogous

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



57.2840, 16.1290, 6.7669



56.5270, 7.6282, 26.7248



54.9490, -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.



56.5270, 7.6282, 26.7248



51.9090, -22.1401, 7.9728



47.5030, 17.0070, -41.6601

Complementary

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



56.5270, 7.6282, 26.7248



68.4730, -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.



45.6960, 7.5449, -40.0754



56.5270, 7.6282, 26.7248



49.6230, -15.0971, -11.0704

Square

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



56.5270, 7.6282, 26.7248



54.1650, -20.2943, 22.6573



42.6010, -1.7753, -37.3611



47.3380, 23.9904, -41.5154

Rectangle

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



56.5270, 7.6282, 26.7248



53.9290, -8.8390, 35.1423



42.6010, -1.7753, -37.3611



47.4060, 14.0968, -41.5751

Sweetspot

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



56.5270, 7.6282, 26.7248



100.1630, 2.8776, 10.3810



48.0710, 19.1920, 4.3227



49.2010, 1.8729, 5.9627



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



56.5270, 7.6282, 26.7248



64.7660, 11.9474, 41.4242



53.7910, -2.8550, 29.1243



40.5380, 0.7208, 2.1592



40.4290, 16.5505, 58.3828



88.8470, 36.5574, 128.1762

Inverse Universe

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



56.5270, 7.6282, 26.7248



64.7660, 11.9474, 41.4242



71.2090, 2.8550, -29.1243



40.5380, 0.7208, 2.1592



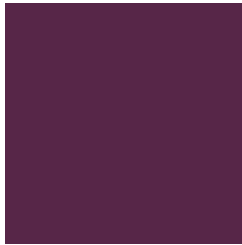
40.4290, 16.5505, 58.3828



88.8470, 36.5574, 128.1762

Previews

White Background



This preview shows how the YUV color 56.5270, 7.6282, 26.7248 looks on a white background.

Color Contrast Check

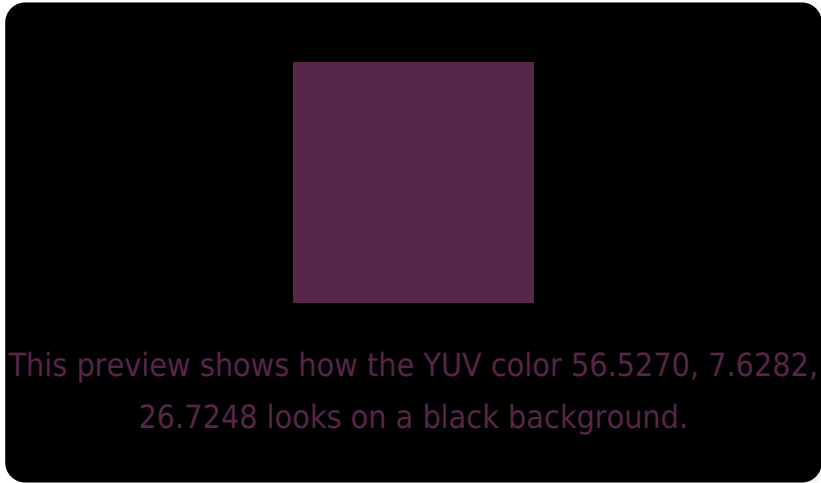
Large Text (above 18pt) WCAG AA ✓ Pass

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

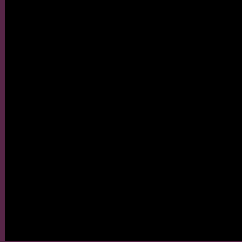
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 56.5270, 7.6282, 26.7248

Background



This preview shows how black text looks on a background with the YUV color 56.5270, 7.6282, 26.7248.



This preview shows how white text looks on a background with the YUV color 56.5270, 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

56.5270, 7.6282, 26.7248

Protanopia

55.7290, 14.4306, -8.5323

Deuteranopia

56.5960, 6.1152, -1.3997



Tritanopia

56.6010, -4.7333, 24.9059

Trichromacy



Original Color

56.5270, 7.6282, 26.7248

Protanomaly

56.1220, 11.7719, 4.2780

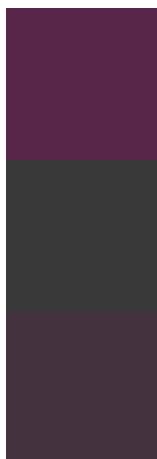
Deuteranomaly

56.7760, 6.5194, 8.9664

Tritanomaly

56.7520, -0.3707, 25.6505

Monochromacy



Original Color

56.5270, 7.6282, 26.7248

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

56.7500, 2.5882, 9.8663

CSS Examples

Text

The CSS property to change the color of the text to YUV 56.5270, 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(87, 38, 72)` looks like.

```
.text, #text, p{  
    color:rgb(87, 38, 72)  
}
```

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(87, 38, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 38, 72) }
```

Border

The CSS property to change the border of an element to YUV 56.5270, 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(87, 38, 72) }
```


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

```
.border{ border-color:rgb(87, 38, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 38, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 38, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 38, 72);  
box-shadow:4px 4px 4px 4px rgb(87, 38, 72)  
}
```

Background

The CSS property to change the background color of an element to YUV 56.5270, 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(87, 38, 72) }
```

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

```
.background{ background-color: rgb(87, 38,  
72) }
```

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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