

Converting Colors

YUV(56.7350, 2.1026, 25.6654)

Have a look what the booklet for
YUV(56.7350, 2.1026, 25.6654)
contains.

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Color

**YUV(56.7350, 2.1026,
25.6654)**

Conversions

Conversions Part 1

Format	Color
Hex	56293D
RGB	86, 41, 61
RGB Percent	34%, 16%, 24%
CMY	0.6627, 0.8392, 0.7608
CMYK	0.00, 0.52, 0.29, 0.66
HSL	333°, 35%, 25%
HSV	333°, 52%, 34%
XYZ	5.4730, 3.9012, 4.8794
YIQ	56.7350, 20.4000, 15.7600

Conversions

Conversions Part 2

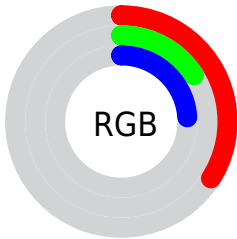
Format	Color
RYB	86, 41, 61
Decimal	5646653
CIELab	23.34, 23.50, -3.21
CIElCh	23, 23.717, 352.226
Yxy	3.9012, 0.3840, 0.2737
Android (android.graphics.Color)	4283836733 (0xFF56293D)
YUV	56.7350, 2.1026, 25.6654
Hunter-Lab	19.7515, 14.8958, -0.8210




Details

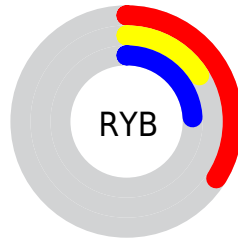
The YUV color **56.7350, 2.1026, 25.6654** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **70.2650, -2.1026, -25.6654**, and the grayscale version is **57.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **104.9310, 1.5130, 28.1245**, and **14.1260, 2.4029, 22.6915** is the 20% darker color. If you saturate the color by 10%, you get **50.8820, 2.5232, 30.7985**, and if you desaturate by 10%, it is **62.5880, 1.6821, 20.5323**.

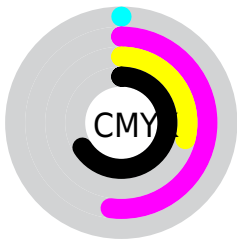
Distribution







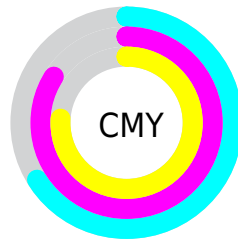
-  Red (34%)
-  Green (16%)
-  Blue (24%)






-  Red (34%)
-  Yellow (16%)
-  Blue (24%)



-  Cyan (0%)
-  Magenta (52%)
-  Yellow (29%)
-  Black (66%)



-  Cyan (66%)
-  Magenta (84%)
-  Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 56.7350, 2.1026, 25.6654 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 56.7350, 2.1026, 25.6654 by changing the saturation by 10% instead.

■ 56.7350, 2.1026,
25.6654

■ 56.7350, 2.1026,
25.6654

■ 255.0000, 0.0000,
0.0000

■ 34.1370, 2.3975,
24.4359

■ 104.9310, 1.5130,
28.1245

■ 14.1260, 2.4029,
22.6915

■ 130.6430, 1.6550,
29.2541

■ 0.0000, 0.0000,
0.0000

■ 156.6540, 1.6496,
30.9984

■ 183.9530, 1.5022,
31.6132

■ 211.5510, 1.2074,
32.8428

■ 233.0870, 4.8871,

19.2177

251.4780, 1.7363,
3.0888

56.7350, 2.1026,
25.6654

56.7350, 2.1026,
25.6654

50.8820, 2.5232,
30.7985

62.5880, 1.6821,
20.5323

45.6160, 2.6543,
35.4168

67.8540, 1.5510,
15.9140

39.8770, 3.5116,
40.4499

73.5930, 0.6937,
10.8809

34.6110, 3.6428,
45.0682

78.8590, 0.5625,
6.2627

30.0460, 3.9213,
49.0717

84.7120, 0.1420,
1.1296

■ 90.5650, -0.2785,
-4.0035

■ 95.7170, -0.8465,
-8.5218

■ 101.5700, -1.2670,
-13.6549

■ 106.8360, -1.3981,
-18.2732

Harmonies

Analogous

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



57.7210, 9.9975, 13.3997



56.7350, 2.1026, 25.6654



55.5800, -6.2019, 29.3093

Triad

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



56.7350, 2.1026, 25.6654



52.8740, -15.7139, 0.1105



46.4430, 18.0226, -40.7305

Complementary

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



56.7350, 2.1026, 25.6654



70.2650, -2.1026, -25.6654

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.



45.3200, 11.1812, -39.7456



56.7350, 2.1026, 25.6654



49.7240, -8.2449, -15.5439

Square

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



56.7350, 2.1026, 25.6654



54.3210, -16.9203, 13.7505



43.2680, 3.3189, -37.9460



46.8010, 21.7901, -35.7825

Rectangle

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



56.7350, 2.1026, 25.6654



55.3040, -10.9959, 26.9204



43.2680, 3.3189, -37.9460



46.5740, 15.9860, -40.8454

Sweetspot

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



56.7350, 2.1026, 25.6654



100.2940, 0.8411, 10.2662



53.6050, 15.9707, 10.8704



48.8590, 0.5625, 6.2627



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.



56.7350, 2.1026, 25.6654



66.4640, 3.2222, 39.9351



55.6290, -7.2121, 26.6354



40.4240, 0.2840, 2.2592



37.4650, 5.1938, 60.9822



82.1210, 10.7863, 134.0749

Inverse Universe

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



56.7350, 2.1026, 25.6654



66.4640, 3.2222, 39.9351



71.3710, 7.2121, -26.6354



40.4240, 0.2840, 2.2592



37.4650, 5.1938, 60.9822



82.1210, 10.7863, 134.0749

Previews

White Background



This preview shows how the YUV color 56.7350, 2.1026, 25.6654 looks on a white background.

Color Contrast Check

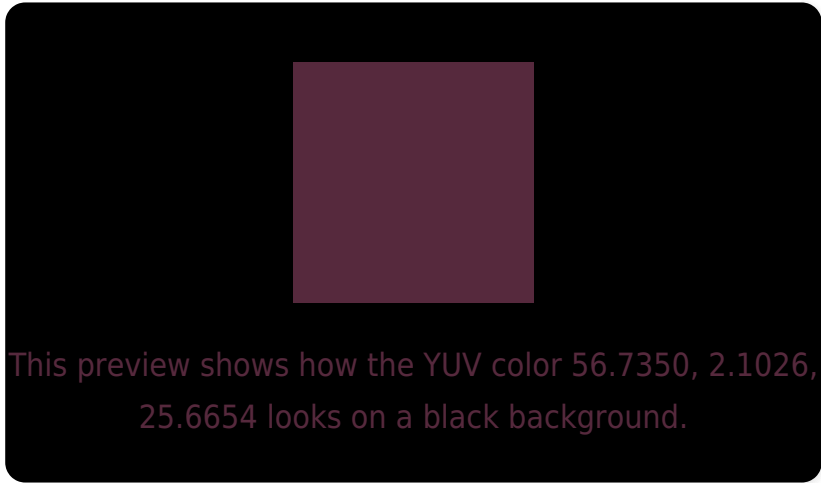
Large Text (above 18pt) WCAG AA ✓ Pass

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

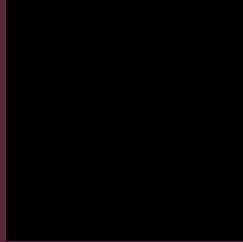
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 56.7350, 2.1026, 25.6654

Background



This preview shows how black text looks on a background with the YUV color 56.7350, 2.1026, 25.6654.



This preview shows how white text looks on a background with the YUV color 56.7350, 2.1026, 25.6654.

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

56.7350, 2.1026, 25.6654

Protanopia

56.8130, 6.9942, -3.3440

Deuteranopia

57.2500, 0.8628, 3.2887



Tritanopia

56.6010, -4.7333, 24.9059

Trichromacy



Original Color

56.7350, 2.1026, 25.6654

Protanomaly

57.0100, 4.9251, 7.0072

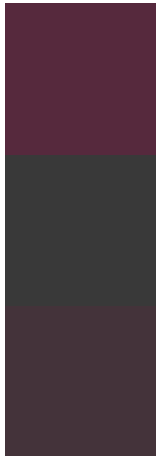
Deuteranomaly

57.1200, 1.4198, 11.2958

Tritanomaly

56.5840, -2.2599, 24.9208

Monochromacy



Original Color

56.7350, 2.1026, 25.6654

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

56.8810, 0.5517, 9.7514

CSS Examples

Text

The CSS property to change the color of the text to YUV 56.7350, 2.1026, 25.6654 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(86, 41, 61)` looks like.

```
.text, #text, p{  
    color:rgb(86, 41, 61)  
}
```

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(86, 41, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 41, 61) }
```

Border

The CSS property to change the border of an element to YUV 56.7350, 2.1026, 25.6654 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(86, 41, 61) }
```


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

```
.border{ border-color:rgb(86, 41, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 41, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 41, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 41, 61);  
box-shadow:4px 4px 4px 4px rgb(86, 41, 61)  
}
```

Background

The CSS property to change the background color of an element to YUV 56.7350, 2.1026, 25.6654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 41, 61) }
```

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

```
.background{ background-color: rgb(86, 41,  
61) }
```

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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