

Converting Colors

YUV(48.1070, 1.4262, 56.0342)

Have a look what the booklet for
YUV(48.1070, 1.4262, 56.0342)
contains.

YUV(48.1070, 1.4262, 56.0342)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(48.1070, 1.4262,
56.0342)**

Conversions

Conversions Part 1

Format	Color
Hex	700F33
RGB	112, 15, 51
RGB Percent	44%, 6%, 20%
CMY	0.5608, 0.9412, 0.8000
CMYK	0.00, 0.87, 0.54, 0.56
HSL	338°, 76%, 25%
HSV	338°, 87%, 44%
XYZ	7.4505, 4.0254, 3.5163
YIQ	48.1070, 46.2560, 31.7600

Conversions

Conversions Part 2

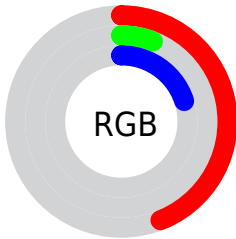
Format	Color
R_{YB}	112, 15, 51
Decimal	7343923
CIE _{Lab}	23.76, 42.63, 4.85
CIE _{LCh}	24, 42.902, 6.496
Yxy	4.0254, 0.4970, 0.2685
Android (android.graphics.Color)	4285534003 (0xFF700F33)
YUV	48.1070, 1.4262, 56.0342
Hunter-Lab	20.0634, 31.1741, 3.6534

Details

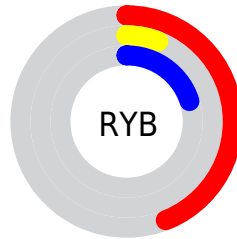
The YUV color **48.1070, 1.4262, 56.0342** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **78.8930, -1.4262, -56.0342**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **102.9670, -2.9417, 57.0339**, and **18.0970, -6.9498, 35.8719** is the 20% darker color. If you saturate the color by 10%, you get **40.8520, 1.5520, 62.3968**, and if you desaturate by 10%, it is **55.3620, 1.3005, 49.6715**.

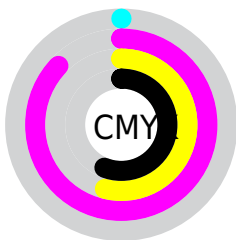
Distribution



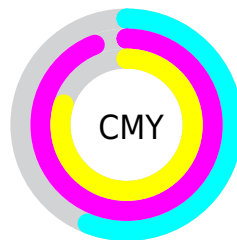
- Red (44%)
- Green (6%)
- Blue (20%)



- Red (44%)
- Yellow (6%)
- Blue (20%)



- Cyan (0%)
- Magenta (87%)
- Yellow (54%)
- Black (56%)



- Cyan (56%)
- Magenta (94%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 48.1070, 1.4262, 56.0342 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 48.1070, 1.4262, 56.0342 by changing the saturation by 10% instead.

■ 48.1070, 1.4262,
56.0342

■ 48.1070, 1.4262,
56.0342

■ 255.0000, 0.0000,
0.0000

■ 28.8350, 0.5743,
49.2567

■ 102.9670, -2.9417,
57.0339

■ 18.0970, -6.9498,
35.8719

■ 129.7500, -3.8207,
58.9783

■ 8.7850, -3.8380,
17.7286

■ 156.6470, -4.2630,
60.8226

■ 0.0000, 0.0000,
0.0000


■ 184.1310, -4.9946,
62.1521


■ 203.0580, -1.0146,
45.5531

■ 222.6860, 3.1128,


28.3394


 242.6730, 6.0772,
10.8108


 48.1070, 1.4262,
56.0342


 48.1070, 1.4262,
56.0342

 40.8520, 1.5520,
62.3968


 55.3620, 1.3005,
49.6715

 38.2760, 1.8359,
64.6559

 62.6170, 1.1748,
43.3089

 70.4590, 0.7597,
36.4315

 77.7140, 0.6340,
30.0688

 84.9690, 0.5083,
23.7062

■ 92.2240, 0.3826,
17.3436

■ 99.4790, 0.2569,
10.9809

■ 107.3210, -0.1583,
4.1035

■ 114.5760, -0.2840,
-2.2592

Harmonies

Analogous

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



54.3250, 14.1368, 39.1800



48.1070, 1.4262, 56.0342



50.7090, -15.1395, 49.3672

Triad

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



48.1070, 1.4262, 56.0342



46.8260, -23.0852, -15.6334



52.5530, 31.2794, -46.0890

Complementary

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



48.1070, 1.4262, 56.0342



78.8930, -1.4262, -56.0342

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.



51.8060, 20.8016, -45.4339



48.1070, 1.4262, 56.0342



43.8090, -7.3008, -38.4205

Square

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



48.1070, 1.4262, 56.0342



52.5950, -25.9293, 10.0022



48.2720, 7.2609, -42.3345



47.8400, 36.0679, -41.9557

Rectangle

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



48.1070, 1.4262, 56.0342



52.4830, -25.8741, 39.0414



48.2720, 7.2609, -42.3345



52.4560, 28.3692, -46.0039

Sweetspot

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



48.1070, 1.4262, 56.0342



120.6590, 0.6611, 21.3471



43.9980, 33.5250, 27.1888



58.9030, 0.5408, 13.2401



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



48.1070, 1.4262, 56.0342



49.5110, 2.2131, 83.7439



50.4600, -17.4818, 53.9706



52.1360, 0.4260, 3.3887



40.8960, 1.5303, 69.3742



84.3410, 3.7759, 142.6519

Inverse Universe

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



48.1070, 1.4262, 56.0342



49.5110, 2.2131, 83.7439



76.5400, 17.4818, -53.9706



52.1360, 0.4260, 3.3887



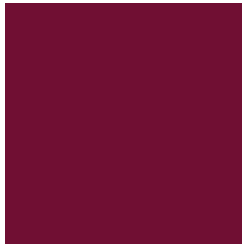
40.8960, 1.5303, 69.3742



84.3410, 3.7759, 142.6519

Previews

White Background



This preview shows how the YUV color 48.1070, 1.4262, 56.0342 looks on a white background.

Color Contrast Check

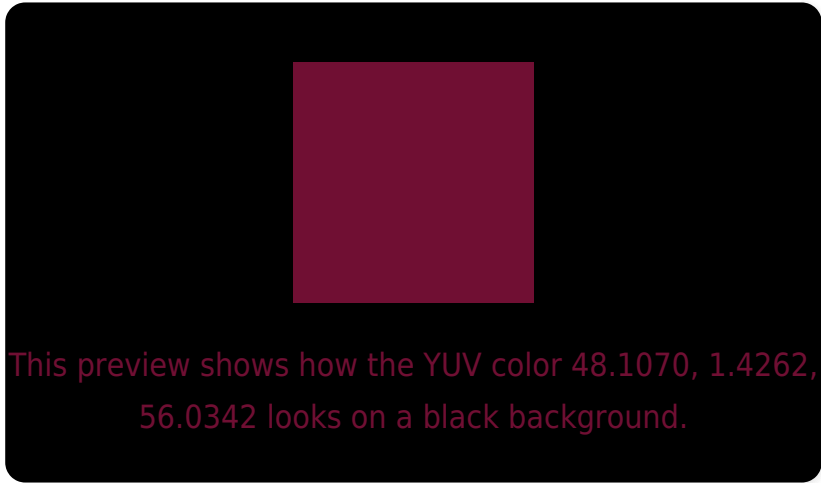
Large Text (above 18pt) WCAG AA ✓ Pass

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

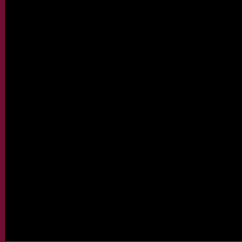
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 48.1070, 1.4262, 56.0342

Background



This preview shows how black text looks on a background with the YUV color 48.1070, 1.4262, 56.0342.



This preview shows how white text looks on a background with the YUV color 48.1070, 1.4262,

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

48.1070, 1.4262, 56.0342

Protanopia

58.9980, 6.4100, -2.6292

Deuteranopia

59.3340, -6.5737, 8.4771



Tritanopia

50.0130, -12.8244, 53.4856

Trichromacy



Original Color

48.1070, 1.4262, 56.0342

Protanomaly

54.6740, 4.5977, 18.7029

Deuteranomaly

55.5410, -3.7177, 25.8355

Tritanomaly

49.3920, -7.5883, 54.0302

Monochromacy



Original Color

48.1070, 1.4262, 56.0342

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

47.9470, 0.5191, 20.2175

CSS Examples

Text

The CSS property to change the color of the text to YUV 48.1070, 1.4262, 56.0342 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(112, 15, 51)` looks like.

```
.text, #text, p{  
    color:rgb(112, 15, 51)  
}
```

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(112, 15, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 15, 51) }
```

Border

The CSS property to change the border of an element to YUV 48.1070, 1.4262, 56.0342 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(112, 15, 51) }
```


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

```
.border{ border-color:rgb(112, 15, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 15, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 15, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 15, 51);  
box-shadow:4px 4px 4px 4px rgb(112, 15,  
51) }
```

Background

The CSS property to change the background color of an element to YUV 48.1070, 1.4262, 56.0342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 15, 51) }
```

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

```
.background{ background-color: rgb(112, 15,  
51) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor