

Converting Colors

YUV(56.7240, 2.1081, 23.9211)

Have a look what the booklet for
YUV(56.7240, 2.1081, 23.9211)
contains.

| | |
|--|----|
| YUV(56.7240, 2.1081, 23.9211) | 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(56.7240, 2.1081,
23.9211)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 542A3D |
| RGB | 84, 42, 61 |
| RGB Percent | 33%, 16%, 24% |
| CMY | 0.6706, 0.8353, 0.7608 |
| CMYK | 0.00, 0.50, 0.27, 0.67 |
| HSL | 333°, 33%, 25% |
| HSV | 333°, 50%, 33% |
| XYZ | 5.3264, 3.8777, 4.8826 |
| YIQ | 56.7240, 18.9330, 14.8130 |

Conversions

Conversions Part 2

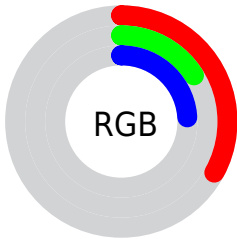
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 84, 42, 61 |
| Decimal | 5515837 |
| CIE _{Lab} | 23.26, 22.10, -3.36 |
| CIE _{LCh} | 23, 22.356, 351.355 |
| Yxy | 3.8777, 0.3781, 0.2753 |
| Android (android.graphics.Color) | 4283705917 (0xFF542A3D) |
| YUV | 56.7240, 2.1081, 23.9211 |
| Hunter-Lab | 19.6918, 13.8217, -0.9168 |

Details

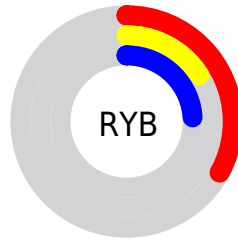
The YUV color **56.7240, 2.1081, 23.9211** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **69.2760, -2.1081, -23.9211**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **104.9200, 1.5184, 26.3802**, and **13.8270, 2.5503, 22.0767** is the 20% darker color. If you saturate the color by 10%, you get **51.4580, 2.2392, 28.5393**, and if you desaturate by 10%, it is **61.9900, 1.9769, 19.3028**.

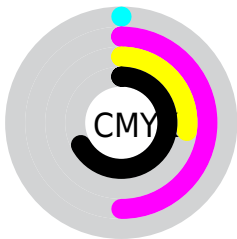
Distribution



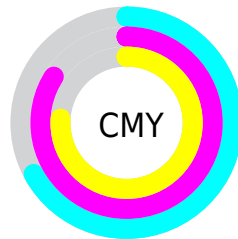
- Red (33%)
- Green (16%)
- Blue (24%)



- Red (33%)
- Yellow (16%)
- Blue (24%)



- Cyan (0%)
- Magenta (50%)
- Yellow (27%)
- Black (67%)



- Cyan (67%)
- Magenta (84%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 56.7240, 2.1081, 23.9211 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 56.7240, 2.1081, 23.9211 by changing the saturation by 10% instead.

■ 56.7240, 2.1081,
23.9211

■ 56.7240, 2.1081,
23.9211

■ 255.0000, 0.0000,
0.0000

■ 34.1260, 2.4029,
22.6915

■ 104.9200, 1.5184,
26.3802

■ 13.8270, 2.5503,
22.0767

■ 130.6320, 1.6604,
27.5097

■ 0.0000, 0.0000,
0.0000

■ 156.3440, 1.8024,
28.6393

■ 183.6430, 1.6550,
29.2541

■ 211.2410, 1.3602,
30.4836

■ 233.6740, 4.5977,

18.7029

252.0650, 1.4470,
2.5740

56.7240, 2.1081,
23.9211

56.7240, 2.1081,
23.9211

51.4580, 2.2392,
28.5393

61.9900, 1.9769,
19.3028

45.7190, 3.0965,
33.5724

67.7290, 1.1196,
14.2697

40.4530, 3.2277,
38.1907

72.9950, 0.9885,
9.6514

34.7140, 4.0850,
43.2238

78.7340, 0.1311,
4.6183

29.4480, 4.2161,
47.8421

84.0000, 0.0000,
0.0000

■ 89.2660, -0.1311,
-4.6183

■ 95.0050, -0.9885,
-9.6514

■ 100.2710, -1.1196,
-14.2697

■ 106.0100, -1.9769,
-19.3028

Harmonies

Analogous

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



56.8950, 9.4188, 12.3701



56.7240, 2.1081, 23.9211



55.6830, -5.7597, 27.4650

Triad

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



56.7240, 2.1081, 23.9211



52.8140, -14.6983, 1.0401



45.6280, 17.4384, -40.0158

Complementary

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



56.7240, 2.1081, 23.9211



69.2760, -2.1081, -23.9211

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.



45.2060, 10.7444, -39.6457



56.7240, 2.1081, 23.9211



50.4360, -8.1029, -14.4144

Square

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



56.7240, 2.1081, 23.9211



54.5490, -16.0467, 13.5505



44.1650, 2.8767, -36.1017



48.2530, 19.5953, -31.7939

Rectangle

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



56.7240, 2.1081, 23.9211



55.4070, -10.5537, 25.0761



44.1650, 2.8767, -36.1017



45.7590, 15.4018, -40.1306

Sweetspot

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



56.7240, 2.1081, 23.9211



98.9950, 0.9885, 9.6514



53.3660, 15.1026, 9.3260



49.5600, 0.7099, 5.6479



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.



56.7240, 2.1081, 23.9211



67.1540, 3.3751, 37.5759



55.1450, -6.4805, 25.3058



38.4240, 0.2840, 2.2592



36.7530, 5.0518, 59.8526



81.3380, 11.6654, 132.1306

Inverse Universe

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



56.7240, 2.1081, 23.9211



67.1540, 3.3751, 37.5759



70.8550, 6.4805, -25.3058



38.4240, 0.2840, 2.2592



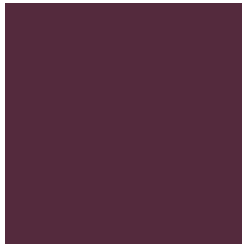
36.7530, 5.0518, 59.8526



81.3380, 11.6654, 132.1306

Previews

White Background



This preview shows how the YUV color 56.7240, 2.1081, 23.9211 looks on a white background.

Color Contrast Check

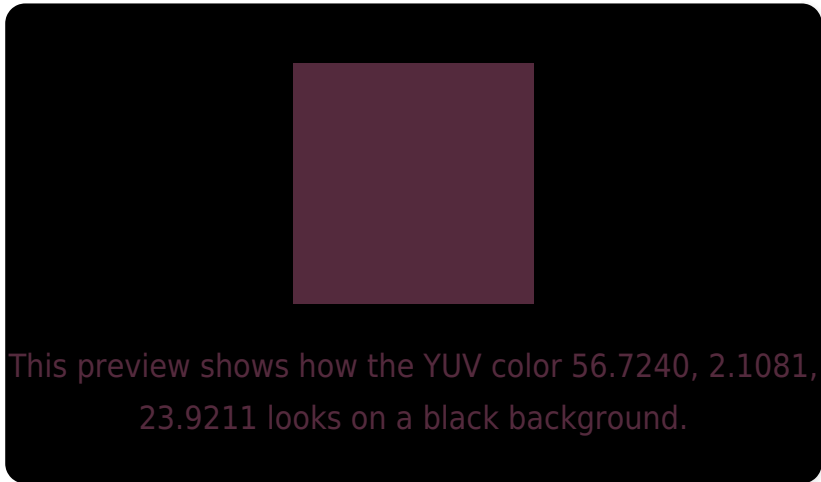
Large Text (above 18pt) WCAG AA ✓ Pass

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

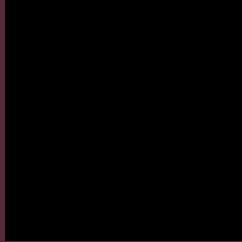
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 56.7240, 2.1081, 23.9211

Background



This preview shows how black text looks on a background with the YUV color 56.7240, 2.1081, 23.9211.



This preview shows how white text looks on a background with the YUV color 56.7240, 2.1081, 23.9211.

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

56.7240, 2.1081, 23.9211

Protanopia

56.6990, 6.5574, -3.2440

Deuteranopia

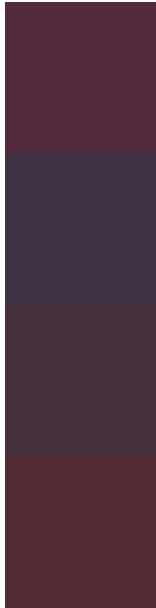
56.3640, 1.2995, 3.1888



Tritanopia

56.7040, -4.2911, 23.0616

Trichromacy



Original Color

56.7240, 2.1081, 23.9211

Protanomaly

56.7110, 5.0725, 6.3925

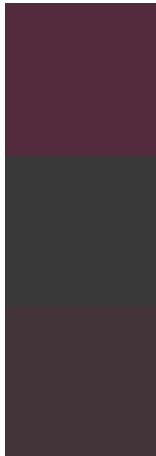
Deuteranomaly

56.8210, 1.5672, 10.6810

Tritanomaly

56.6870, -1.8177, 23.0765

Monochromacy



Original Color

56.7240, 2.1081, 23.9211

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

57.1690, 0.4097, 8.6218

CSS Examples

Text

The CSS property to change the color of the text to YUV 56.7240, 2.1081, 23.9211 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(84, 42, 61)` looks like.

```
.text, #text, p{  
    color:rgb(84, 42, 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(84, 42, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 42, 61) }
```

Border

The CSS property to change the border of an element to YUV 56.7240, 2.1081, 23.9211 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(84, 42, 61) }
```


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

```
.border{ border-color:rgb(84, 42, 61) }
```

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

Here you see how a box with a 4 pixel rgb(84, 42, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 42, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 42, 61);  
box-shadow:4px 4px 4px 4px rgb(84, 42, 61)  
}
```

Background

The CSS property to change the background color of an element to YUV 56.7240, 2.1081, 23.9211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 42, 61) }
```

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

```
.background{ background-color: rgb(84, 42,  
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](#).

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