

# Converting Colors

YUV(56.5540, 6.6289, 20.5621)

Have a look what the booklet for  
YUV(56.5540, 6.6289, 20.5621)  
contains.

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# Color

**YUV(56.5540, 6.6289,  
20.5621)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	502A46
RGB	80, 42, 70
RGB Percent	31%, 16%, 27%
CMY	0.6863, 0.8353, 0.7255
CMYK	0.00, 0.48, 0.12, 0.69
HSL	316°, 31%, 24%
HSV	316°, 48%, 31%
XYZ	5.2417, 3.8036, 6.2522
YIQ	56.5540, 13.6600, 16.7640

# Conversions

## Conversions Part 2

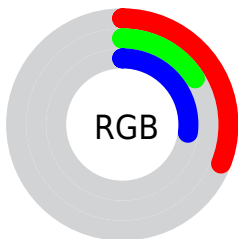
<b>Format</b>	<b>Color</b>
<b>RYB</b>	80, 42, 70
Decimal	5253702
CIELab	23.01, 22.17, -9.90
CIElCh	23, 24.277, 335.937
Yxy	3.8036, 0.3427, 0.2486
Android (android.graphics.Color)	4283443782 (0xFF502A46)
YUV	56.5540, 6.6289, 20.5621
Hunter-Lab	19.5028, 13.8450, -5.3553

# Details

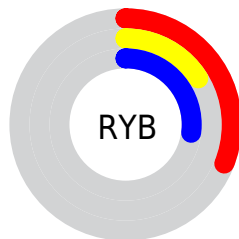
The YUV color **56.5540, 6.6289, 20.5621** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **65.4460, -6.6289, -20.5621**, and the grayscale version is **56.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **104.5650, 6.6235, 22.3065**, and **13.8420, 6.4869, 19.4326** is the 20% darker color. If you saturate the color by 10%, you get **51.6300, 8.0704, 24.8805**, and if you desaturate by 10%, it is **61.4780, 5.1873, 16.2438**.

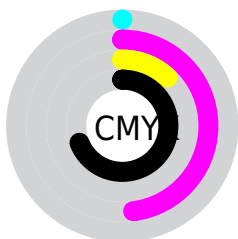
# Distribution



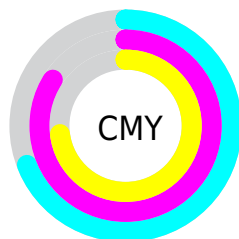
- Red (31%)
- Green (16%)
- Blue (27%)



- Red (31%)
- Yellow (16%)
- Blue (27%)



- Cyan (0%)
- Magenta (48%)
- Yellow (12%)
- Black (69%)



- Cyan (69%)
- Magenta (84%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 56.5540, 6.6289, 20.5621 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 56.5540, 6.6289, 20.5621 by changing the saturation by 10% instead.



■ 56.5540, 6.6289,  
20.5621

■ 56.5540, 6.6289,  
20.5621

■ 255.0000, 0.0000,  
0.0000

■ 33.9560, 6.9237,  
19.3326

■ 104.5650, 6.6235,  
22.3065

■ 13.8420, 6.4869,  
19.4326

■ 129.6900, 7.0548,  
23.9509

■ 0.0000, 0.0000,  
0.0000

■ 156.1030, 7.3442,  
24.4657

■ 183.4020, 7.1968,  
25.0804

■ 210.8150, 7.4862,  
25.5952

■ 234.9280, 9.4025,

17.6031

252.0650, 1.4470,  
2.5740

56.5540, 6.6289,  
20.5621

56.5540, 6.6289,  
20.5621

51.6300, 8.0704,  
24.8805

61.4780, 5.1873,  
16.2438

46.7060, 9.5119,  
29.1988

66.4020, 3.7458,  
11.9254

41.7820, 10.9535,  
33.5172

71.3260, 2.3043,  
7.6071

36.8580, 12.3950,  
37.8355

76.2500, 0.8628,  
3.2888

31.8200, 13.3997,  
42.2539

81.2880, -0.1420,  
-1.1296

■ 30.6460, 13.9785,  
43.2835

■ 86.2120, -1.5835,  
-5.4479

■ 91.1360, -3.0250,  
-9.7663

■ 96.0600, -4.4666,  
-14.0846

■ 100.9840, -5.9081,  
-18.4030

# Harmonies

## Analogous

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



56.5780, 13.5190, 3.8781



56.5540, 6.6289, 20.5621



55.1330, -1.5446, 28.8244

# Triad

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



56.5540, 6.6289, 20.5621



52.7610, -17.6302, 8.1026



45.6450, 14.9650, -40.0307

# Complementary

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



56.5540, 6.6289, 20.5621



65.4460, -6.6289, -20.5621

# 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.



44.1800, 6.8133, -38.7459



56.5540, 6.6289, 20.5621



50.8130, -13.2188, -6.8520

# Square

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



56.5540, 6.6289, 20.5621



54.2940, -15.9209, 19.9132



46.2110, -3.5550, -26.4950



45.8390, 20.7854, -40.2008



# Rectangle

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



56.5540, 6.6289, 20.5621



54.9390, -7.3649, 28.9945



46.2110, -3.5550, -26.4950



45.5480, 12.0548, -39.9456

# Sweetspot

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



56.5540, 6.6289, 20.5621



95.7390, 2.5937, 8.1219



49.3220, 15.1243, 2.3486



47.7880, 1.5835, 5.4479



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000



# Same Dimension

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



56.5540, 6.6289, 20.5621



67.9560, 10.3747, 32.4876



54.5020, -1.2335, 22.3617



38.5380, 0.7208, 2.1592



40.1730, 18.1557, 56.8533



88.8620, 40.4940, 125.5320



# Inverse Universe

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



56.5540, 6.6289, 20.5621



67.9560, 10.3747, 32.4876



67.4980, 1.2335, -22.3617



38.5380, 0.7208, 2.1592



40.1730, 18.1557, 56.8533

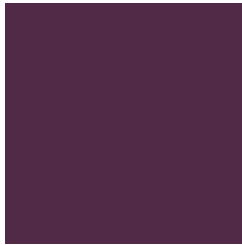


88.8620, 40.4940, 125.5320



# Previews

## White Background



This preview shows how the YUV color 56.5540, 6.6289, 20.5621 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

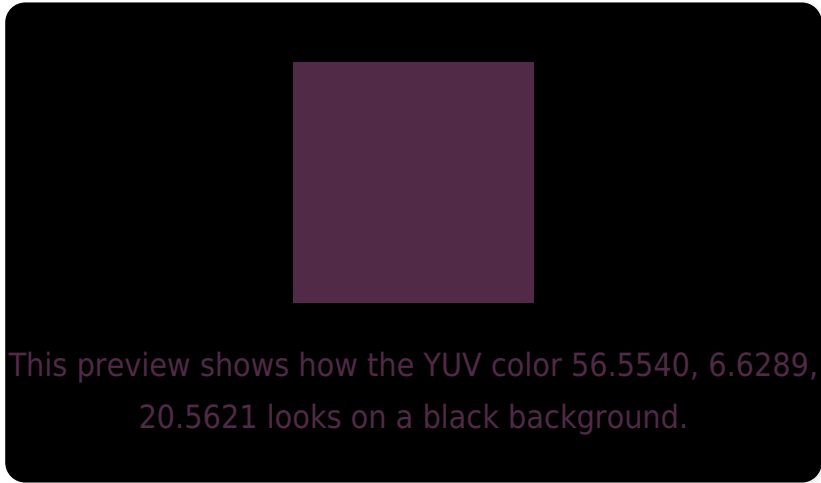
Any Text WCAG AA ✓ Pass

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

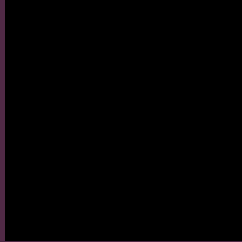
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 56.5540, 6.6289, 20.5621

## Background



This preview shows how black text looks on a background with the YUV color 56.5540, 6.6289, 20.5621.



This preview shows how white text looks on a background with the YUV color 56.5540, 6.6289,



# 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

56.5540, 6.6289, 20.5621

### Protanopia

55.6430, 11.5150, -6.7029

### Deuteranopia

55.8950, 5.9678, -0.7849



## Tritanopia

56.0240, -2.9698, 19.2730

# Trichromacy



## Original Color

56.5540, 6.6289, 20.5621

## Protanomaly

55.9540, 9.8827, 3.5483

## Deuteranomaly

56.3520, 6.2355, 6.7073

## Tritanomaly

56.5340, 0.2297, 19.7027

# Monochromacy



## Original Color

56.5540, 6.6289, 20.5621

## Achromatopsia

57.0000, 0.0000, 0.0000

## Achromatomaly

57.0270, 2.4517, 6.9923

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 56.5540, 6.6289, 20.5621 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(80, 42, 70)` looks like.

```
.text, #text, p{  
    color:rgb(80, 42, 70)  
}
```

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(80, 42, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 42, 70) }
```

## Border

The CSS property to change the border of an element to YUV 56.5540, 6.6289, 20.5621 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(80, 42, 70) }
```



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

```
.border{ border-color:rgb(80, 42, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 42, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 42, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 42, 70);  
box-shadow:4px 4px 4px 4px rgb(80, 42, 70)  
}
```

# Background

The CSS property to change the background color of an element to YUV 56.5540, 6.6289, 20.5621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 42, 70) }
```

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

```
.background{ background-color: rgb(80, 42,  
70) }
```

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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