

# Converting Colors

XYZ(56.6465, 54.3956, 68.0297)

Have a look what the booklet for  
XYZ(56.6465, 54.3956, 68.0297)  
contains.

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# Color

**XYZ(56.4303, 54.1411,  
67.7977)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D4BBD1
RGB	212, 187, 209
RGB Percent	83%, 73%, 82%
CMY	0.1686, 0.2666, 0.1804
CMYK	0.00, 0.12, 0.01, 0.17
HSL	307°, 23%, 78%
HSV	307°, 12%, 83%
XYZ	56.4303, 54.1411, 67.7977
YIQ	196.9830, 7.8380, 12.1420

# Conversions

## Conversions Part 2

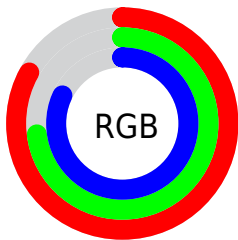
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	212, 187, 209
Decimal	13941713
CIE Lab	78.54, 12.72, -7.78
CIE LCh	79, 14.910, 328.557
Yxy	54.1411, 0.3164, 0.3035
Android (android.graphics.Color)	4292131793 (0xFFD4BBD1)
YUV	196.9830, 5.9244, 13.1699
Hunter-Lab	73.5806, 8.1287, -3.1238

# Details

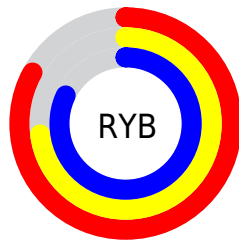
The XYZ color **56.4303, 54.1411, 67.7977** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.3333, 61.3709, 57.7528**, and the grayscale version is **53.0240, 55.7854, 60.7503**.

A 20% lighter version of the original color is **91.3406, 92.5812, 107.6635**, and **28.3461, 26.5849, 34.6477** is the 20% darker color. If you saturate the color by 10%, you get **51.9487, 45.6772, 64.7625**, and if you desaturate by 10%, it is **61.5841, 63.9396, 71.0830**.

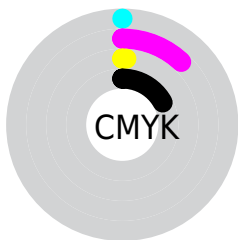
# Distribution



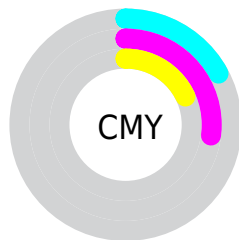
- Red (83%)
- Green (73%)
- Blue (82%)



- Red (83%)
- Yellow (73%)
- Blue (82%)



- Cyan (0%)
- Magenta (12%)
- Yellow (1%)
- Black (17%)



- Cyan (17%)
- Magenta (27%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 56.4303, 54.1411, 67.7977 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 XYZ color 56.4303, 54.1411, 67.7977 by changing the saturation by 10% instead.



■ 56.4303, 54.1411,  
67.7977

■ 56.4303, 54.1411,  
67.7977

401.3599,  
402.6478, 471.3575

■ 40.7864, 38.7145,  
49.2675

■ 98.7696, 96.2814,  
117.7142

■ 28.3391, 26.5377,  
34.4646

126.1957,  
123.7638, 149.9375

■ 18.7232, 17.2263,  
22.9705

158.2799,  
156.0337, 187.5624

■ 11.5733, 10.3960,  
14.3667

195.3876,  
193.4754, 231.0072

■ 6.5239, 5.6623,  
8.2345

237.8840,  
236.4732, 280.6906

■ 3.2099, 2.6408,  
4.1554

286.1347,

■ 1.2657, 0.9472,

285.4116, 337.0311

1.7110

340.5048,  
340.6751, 400.4472

■ 0.1573, 0.0000,  
0.3682

■ 0.0000, 0.0000,  
0.0000

■ 56.4303, 54.1411,  
67.7977

■ 56.4303, 54.1411,  
67.7977

■ 51.9487, 45.6772,  
64.7625

■ 61.5841, 63.9396,  
71.0830

■ 48.1054, 38.4828,  
61.9642

■ 67.4324, 75.1200,  
74.6242

■ 44.8710, 32.4981,  
59.3934

■ 74.0026, 87.7360,  
78.4310

■ 42.2116, 27.6555,  
57.0388

■ 75.7215, 90.6411,  
80.6459

40.0901, 23.8810,  
54.8878

76.0595, 90.7763,  
82.4258

38.4652, 21.0916,  
52.9266

76.4027, 90.9136,  
84.2328

37.2893, 19.1924,  
51.1393

76.7510, 91.0529,  
86.0670

36.5054, 18.0695,  
49.5066

77.1045, 91.1943,  
87.9285

36.0740, 17.5662,  
48.2548

77.4632, 91.3378,  
89.8174

# Harmonies

## Analogous

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



54.2070, 54.1411, 74.3306



56.4303, 54.1411, 67.7977



57.3149, 54.1411, 59.3587

# Triad

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



56.4303, 54.1411, 67.7977



51.6019, 54.1411, 44.2131



46.6562, 54.1411, 67.0262

# Complementary

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



56.4303, 54.1411, 67.7977



53.3333, 61.3709, 57.7528

# 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.



46.0171, 54.1411, 58.5441



56.4303, 54.1411, 67.7977



48.8064, 54.1411, 45.8533

# Square

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



56.4303, 54.1411, 67.7977



54.4625, 54.1411, 46.1986



46.7895, 54.1411, 50.9084



48.5690, 54.1411, 73.8562



# Rectangle

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



56.4303, 54.1411, 67.7977



57.0019, 54.1411, 53.9508



46.7895, 54.1411, 50.9084



46.2885, 54.1411, 64.2498

# Sweetspot

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



56.4319, 54.1435, 67.7989



91.6854, 93.5853, 106.8092



50.8707, 51.2332, 69.4960



19.4931, 19.7811, 22.7789



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

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



56.4319, 54.1435, 67.7989



84.0176, 79.0268, 101.8572



54.9539, 53.5522, 60.0157



12.8859, 12.6058, 15.3392



22.2948, 10.8542, 29.9199



1.3632, 0.6621, 1.9021



# Inverse Universe

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



56.4319, 54.1435, 67.7989



84.0176, 79.0268, 101.8572



54.7489, 61.9372, 65.2073



12.8859, 12.6058, 15.3392



22.2948, 10.8542, 29.9199

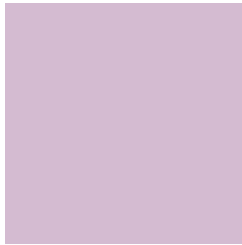


1.3632, 0.6621, 1.9021



# Previews

## White Background



This preview shows how the XYZ color 56.4303, 54.1411, 67.7977 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

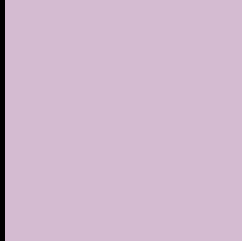
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 56.4303, 54.1411, 67.7977 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

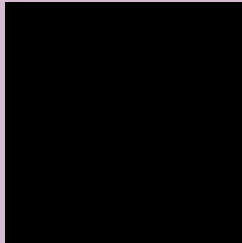
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 56.4303, 54.1411, 67.7977**

## **Background**



This preview shows how black text looks on a background with the XYZ color 56.4303, 54.1411, 67.7977.



This preview shows how white text looks on a background with the XYZ color 56.4303, 54.1411,



# 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

56.4303, 54.1411, 67.7977

### Protanopia

53.0725, 54.2815, 70.6309

### Deuteranopia

55.4383, 54.2640, 67.8737



## Tritanopia

55.6267, 54.1271, 64.0156

# Trichromacy



## Original Color

56.4303, 54.1411, 67.7977

## Protanomaly

54.3339, 54.2944, 69.9035

## Deuteranomaly

55.7863, 54.1252, 67.8286

## Tritanomaly

55.8666, 54.2231, 65.2792

# Monochromacy



## Original Color

56.4303, 54.1411, 67.7977

## Achromatopsia

53.0703, 55.8340, 60.8033

## Achromatomaly

53.9697, 54.9135, 63.0132

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 56.4303, 54.1411, 67.7977 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(212, 187, 209)` looks like.

```
.text, #text, p{  
    color:rgb(212, 187, 209)  
}
```

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(212, 187, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 187, 209) }
```

## Border

The CSS property to change the border of an element to XYZ 56.4303, 54.1411, 67.7977 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(212, 187, 209) }
```



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

```
.border{ border-color:rgb(212, 187, 209) }
```

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

Here you see how a box with a 4 pixel rgb(212, 187, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 187, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 187, 209);  
box-shadow:4px 4px 4px 4px rgb(212, 187,  
209) }
```

# Background

The CSS property to change the background color of an element to XYZ 56.4303, 54.1411, 67.7977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 187, 209) }
```

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

```
.background{ background-color: rgb(212,  
187, 209) }
```

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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