

# Converting Colors

XYZ(43.3125, 43.1034, 57.0759)

Have a look what the booklet for  
XYZ(43.3125, 43.1034, 57.0759)  
contains.

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# Color

**XYZ(43.3125, 43.1034,  
57.0759)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B4ACC2
RGB	180, 172, 194
RGB Percent	71%, 67%, 76%
CMY	0.2941, 0.3255, 0.2392
CMYK	0.07, 0.11, 0.00, 0.24
HSL	262°, 15%, 72%
HSV	262°, 11%, 76%
XYZ	43.3125, 43.1034, 57.0759
YIQ	176.9000, -2.2940, 8.5380

# Conversions

## Conversions Part 2

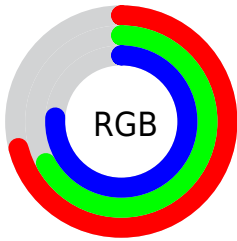
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	180, 172, 194
Decimal	11840706
CIE Lab	71.63, 7.07, -10.18
CIE LCh	72, 12.396, 304.773
Yxy	43.1034, 0.3018, 0.3004
Android (android.graphics.Color)	4290030786 (0xFFB4ACC2)
YUV	176.9000, 8.4303, 2.7187
Hunter-Lab	65.6532, 2.8664, -5.5868

# Details

The XYZ color **43.3125, 43.1034, 57.0759** is a light color, and the websafe version is hex **999999**. A complement of this color would be **46.9895, 52.0024, 46.5927**, and the grayscale version is **41.6966, 43.8680, 47.7723**.

A 20% lighter version of the original color is **79.3165, 79.6732, 101.6405**, and **20.2025, 19.8384, 27.5754** is the 20% darker color. If you saturate the color by 10%, you get **37.1392, 34.8351, 55.8060**, and if you desaturate by 10%, it is **50.2834, 52.5853, 58.5394**.

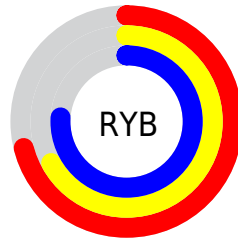
# Distribution



Red (71%)

Green (67%)

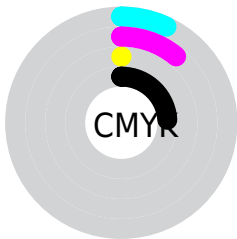
Blue (76%)



Red (71%)

Yellow (67%)

Blue (76%)

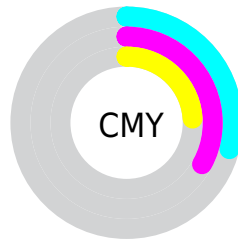


Cyan (7%)

Magenta (11%)

Yellow (0%)

Black (24%)



Cyan (29%)

Magenta (33%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 43.3125, 43.1034, 57.0759 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 43.3125, 43.1034, 57.0759 by changing the saturation by 10% instead.



■ 43.3125, 43.1034,  
57.0759

■ 43.3125, 43.1034,  
57.0759

350.7951,  
359.0368, 431.2354

■ 30.3260, 29.9663,  
40.6564

■ 79.4350, 79.8669,  
102.0774

■ 20.2354, 19.8130,  
27.7330

103.3017,  
104.2620, 131.4964

■ 12.6756, 12.2592,  
17.8872

131.5258,  
133.1785, 166.0857

■ 7.2810, 6.9204,  
10.7005

164.4727,  
167.0009, 206.2639

■ 3.6863, 3.4124,  
5.7542

202.5077,  
206.1136, 252.4494

■ 1.5263, 1.3506,  
2.6298

245.9962,

■ 0.3436, 0.1799,

250.9008, 305.0608

0.9078

295.3036,  
301.7471, 364.5166

0.0000, 0.0000,  
0.0000

43.3125, 43.1034,  
57.0759

43.3125, 43.1034,  
57.0759

37.1392, 34.8351,  
55.8060

50.2834, 52.5853,  
58.5394

31.7299, 27.7251,  
54.7187

58.0764, 63.3224,  
60.2011

27.0538, 21.7216,  
53.8064

66.7194, 75.3609,  
62.0692

23.0767, 16.7670,  
53.0597

76.2382, 88.7430,  
64.1505

19.7615, 12.7980,  
52.4683

82.0253, 94.2458,  
64.9076

■ 17.0670, 9.7444,  
52.0209

■ 86.4014, 96.5017,  
65.1124

■ 14.9471, 7.5263,  
51.7045

■ 86.7377, 96.6751,  
65.1282

■ 13.3478, 6.0492,  
51.5037

■ 12.3020, 5.2170,  
51.3982

# Harmonies

## Analogous

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



41.3051, 43.1034, 59.4121



43.3125, 43.1034, 57.0759



44.7271, 43.1034, 52.0303

# Triad

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



43.3125, 43.1034, 57.0759



42.7119, 43.1034, 37.2378



37.0786, 43.1034, 47.9002

# Complementary

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



43.3125, 43.1034, 57.0759



46.9895, 52.0024, 46.5927

# 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.



37.4266, 43.1034, 42.1787



43.3125, 43.1034, 57.0759



40.6337, 43.1034, 36.3352

# Square

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



43.3125, 43.1034, 57.0759



44.3721, 43.1034, 40.6468



38.7106, 43.1034, 38.0678



37.7435, 43.1034, 53.8344



# Rectangle

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



43.3125, 43.1034, 57.0759



45.1184, 43.1034, 47.9926



38.7106, 43.1034, 38.0678



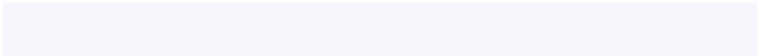
37.0812, 43.1034, 45.8877

# Sweetspot

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



43.3138, 43.1052, 57.0768



88.8375, 92.1758, 105.5793



44.3746, 47.9115, 57.9486



19.2212, 19.8669, 23.0716



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.



43.3138, 43.1052, 57.0768



75.1016, 73.5535, 102.7088



45.9019, 44.4395, 57.1980



9.8663, 9.9222, 12.6800



8.1708, 3.4726, 33.7962



0.4290, 0.1892, 1.4638



# Inverse Universe

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



45.8651, 44.5215, 52.6327



80.8174, 76.7280, 92.6779



44.4863, 50.7119, 46.4756



10.3369, 10.1834, 11.8645



17.0379, 8.5049, 13.3776



0.7683, 0.3803, 0.7472



# Previews

## White Background



This preview shows how the XYZ color 43.3125, 43.1034, 57.0759 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 43.3125, 43.1034, 57.0759 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

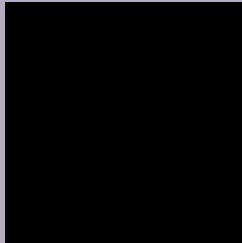
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 43.3125, 43.1034, 57.0759**

## **Background**



This preview shows how black text looks on a background with the XYZ color 43.3125, 43.1034, 57.0759.



This preview shows how white text looks on a background with the XYZ color 43.3125, 43.1034,



# 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

43.3125, 43.1034, 57.0759

### Protanopia

42.2200, 43.0965, 57.7230

### Deuteranopia

44.0677, 43.2112, 57.0569



## Tritanopia

42.5036, 43.0587, 53.0847

# Trichromacy



## Original Color

43.3125, 43.1034, 57.0759

## Protanomaly

42.6984, 43.0574, 57.6902

## Deuteranomaly

43.8290, 43.0881, 57.0457

## Tritanomaly

42.8282, 43.1886, 54.7941

# Monochromacy



## Original Color

43.3125, 43.1034, 57.0759

## Achromatopsia

41.7894, 43.9657, 47.8787

## Achromatomaly

42.2373, 43.5438, 50.9784

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 43.3125, 43.1034, 57.0759 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(180, 172, 194)` looks like.

```
.text, #text, p{  
    color:rgb(180, 172, 194)  
}
```

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(180, 172, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 172, 194) }
```

## Border

The CSS property to change the border of an element to XYZ 43.3125, 43.1034, 57.0759 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(180, 172, 194) }
```



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

```
.border{ border-color:rgb(180, 172, 194) }
```

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

Here you see how a box with a 4 pixel rgb(180, 172, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 172, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 172, 194);  
box-shadow:4px 4px 4px 4px rgb(180, 172,  
194) }
```

# Background

The CSS property to change the background color of an element to XYZ 43.3125, 43.1034, 57.0759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 172, 194) }
```

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

```
.background{ background-color: rgb(180,  
172, 194) }
```

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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