

# Converting Colors

XYZ(43.5838, 46.7638, 56.4175)

Have a look what the booklet for  
XYZ(43.5838, 46.7638, 56.4175)  
contains.

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# Color

**XYZ(43.6682, 46.8574,  
56.6120)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	ACB8C0
RGB	172, 184, 192
RGB Percent	67%, 72%, 75%
CMY	0.3255, 0.2784, 0.2471
CMYK	0.10, 0.04, 0.00, 0.25
HSL	204°, 14%, 71%
HSV	204°, 10%, 75%
XYZ	43.6682, 46.8574, 56.6120
YIQ	181.3240, -9.7200, -0.0560

# Conversions

## Conversions Part 2

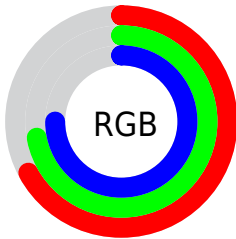
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	172, 180, 192
Decimal	11319488
CIE <sub>Lab</sub>	74.10, -2.54, -5.48
CIE <sub>LCh</sub>	74, 6.040, 245.127
Yxy	46.8574, 0.2968, 0.3185
Android (android.graphics.Color)	4289509568 (0xFFACB8C0)
YUV	181.3240, 5.2633, -8.1771
Hunter-Lab	68.4525, -5.9205, -1.1177

# Details

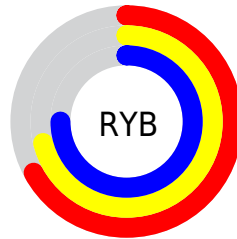
The XYZ color **43.6682, 46.8574, 56.6120** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.5062, 46.8274, 45.6708**, and the grayscale version is **44.0736, 46.3688, 50.4957**.

A 20% lighter version of the original color is **79.7819, 85.4284, 101.0913**, and **20.5222, 22.0897, 27.6082** is the 20% darker color. If you saturate the color by 10%, you get **38.2035, 41.7377, 55.9126**, and if you desaturate by 10%, it is **49.8311, 52.4680, 57.3709**.

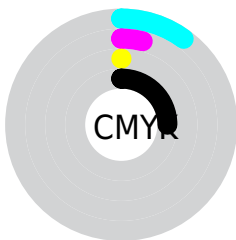
# Distribution



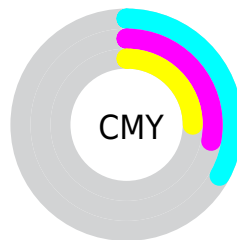
- Red (67%)
- Green (72%)
- Blue (75%)



- Red (67%)
- Yellow (71%)
- Blue (75%)



- Cyan (10%)
- Magenta (4%)
- Yellow (0%)
- Black (25%)



- Cyan (33%)
- Magenta (28%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 43.6682, 46.8574, 56.6120 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 43.6682, 46.8574, 56.6120 by changing the saturation by 10% instead.



■ 43.6682, 46.8574,  
56.6120

■ 43.6682, 46.8574,  
56.6120

352.2277,  
374.2450, 429.4468

■ 30.6065, 32.9229,  
40.2865

■ 79.9677, 85.5007,  
101.3935

■ 20.4498, 22.0674,  
27.4465

103.9362,  
110.9784, 130.6867

■ 12.8326, 13.9064,  
17.6735

132.2710,  
141.0726, 165.1394

■ 7.3896, 8.0556,  
10.5488

165.3376,  
176.1676, 205.1704

■ 3.7554, 4.1306,  
5.6540

203.5012,  
216.6480, 251.1981

■ 1.5647, 1.7469,  
2.5705

247.1271,

■ 0.3692, 0.4537,

262.8981, 303.6410

0.8772

296.5809,  
315.3023, 362.9177

■ 0.0000, 0.0000,  
0.0000

■ 43.6682, 46.8574,  
56.6120

■ 43.6682, 46.8574,  
56.6120

■ 38.2035, 41.7377,  
55.9126

■ 49.8311, 52.4680,  
57.3709

■ 33.4054, 37.0870,  
55.2678

■ 56.7137, 58.5789,  
58.1876

■ 29.2462, 32.8900,  
54.6769

■ 64.3419, 65.2065,  
59.0648

■ 25.6942, 29.1283,  
54.1380

■ 72.7388, 72.3648,  
60.0040

■ 22.7150, 25.7820,  
53.6491

■ 76.9801, 77.5168,  
60.7749

■ 20.2703, 22.8292,  
53.2080

■ 79.0707, 81.6981,  
61.4718

■ 18.3167, 20.2452,  
52.8122

■ 81.2555, 86.0677,  
62.2000

■ 16.8030, 18.0011,  
52.4589

■ 83.5356, 90.6278,  
62.9600

■ 15.6711, 16.1188,  
52.1552

■ 85.9121, 95.3809,  
63.7522

# Harmonies

## Analogous

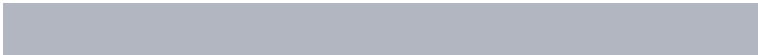
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



42.8584, 46.8574, 54.5214



43.6682, 46.8574, 56.6120



44.7225, 46.8574, 57.1800

# Triad

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



43.6682, 46.8574, 56.6120



46.6386, 46.8574, 50.4897



43.3515, 46.8574, 46.3053

# Complementary

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



43.6682, 46.8574, 56.6120



45.5062, 46.8274, 45.6708

# 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.



44.3511, 46.8574, 45.3186



43.6682, 46.8574, 56.6120



46.2579, 46.8574, 47.6713

# Square

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



43.6682, 46.8574, 56.6120



46.4486, 46.8574, 53.5641



45.4163, 46.8574, 45.8084



42.6777, 46.8574, 48.5572



# Rectangle

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



43.6682, 46.8574, 56.6120



45.4248, 46.8574, 56.6000



45.4163, 46.8574, 45.8084



43.6599, 46.8574, 45.8189

# Sweetspot

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



43.6696, 46.8594, 56.6130



87.2269, 92.3062, 103.5798



44.0680, 49.7525, 50.2836



18.5145, 19.6229, 22.1971



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

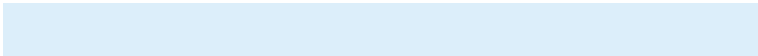


# Same Dimension

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



43.6696, 46.8594, 56.6130



77.2762, 83.1937, 102.3454



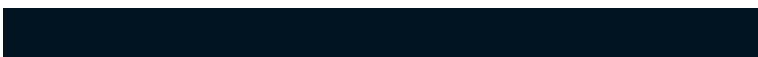
41.7291, 42.9784, 55.9662



10.0197, 10.7307, 12.8280



10.6226, 11.0018, 35.1203



0.5249, 0.6072, 1.5394



# Inverse Universe

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



45.1436, 44.1732, 51.4966



80.3778, 77.6134, 91.5631



47.5267, 50.8685, 46.3443



10.3212, 10.1771, 11.7822



16.7578, 8.3929, 11.9025

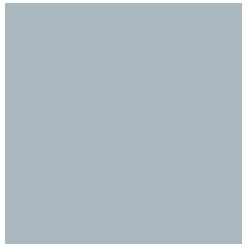


0.7573, 0.3759, 0.6895



# Previews

## White Background



This preview shows how the XYZ color 43.6682, 46.8574, 56.6120 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

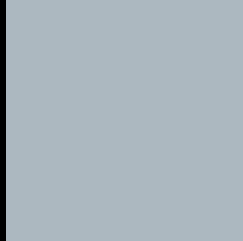
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 43.6682, 46.8574, 56.6120 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

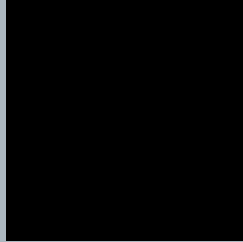
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

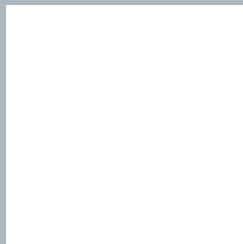
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 43.6682, 46.8574, 56.6120**

## **Background**



This preview shows how black text looks on a background with the XYZ color 43.6682, 46.8574, 56.6120.



This preview shows how white text looks on a background with the XYZ color 43.6682, 46.8574,



# 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

43.6682, 46.8574, 56.6120

### Protanopia

45.3466, 46.8327, 55.3648

### Deuteranopia

47.5959, 46.7639, 56.9698



## Tritanopia

44.3601, 46.8284, 60.1268

# Trichromacy



## Original Color

43.6682, 46.8574, 56.6120

## Protanomaly

44.7223, 46.8012, 55.9666

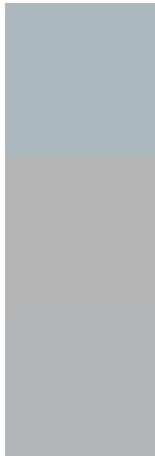
## Deuteranomaly

46.1966, 46.9319, 57.0760

## Tritanomaly

44.1309, 46.7367, 58.9197

# Monochromacy



## Original Color

43.6682, 46.8574, 56.6120

## Achromatopsia

43.9204, 46.2077, 50.3202

## Achromatomaly

43.8450, 46.4237, 52.5487

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 43.6682, 46.8574, 56.6120 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(172, 184, 192) looks like.

```
.text, #text, p{  
    color:rgb(172, 184, 192)  
}
```

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(172, 184, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 184, 192) }
```

## Border

The CSS property to change the border of an element to XYZ 43.6682, 46.8574, 56.6120 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(172, 184, 192) }
```



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

```
.border{ border-color:rgb(172, 184, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 184, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 184, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 184, 192);  
box-shadow:4px 4px 4px 4px rgb(172, 184,  
192) }
```

# Background

The CSS property to change the background color of an element to XYZ 43.6682, 46.8574, 56.6120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 184, 192) }
```

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

```
.background{ background-color: rgb(172,  
184, 192) }
```

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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