

Converting Colors

XYZ(43.9285, 48.2757, 56.6640)

Have a look what the booklet for
XYZ(43.9285, 48.2757, 56.6640)
contains.

XYZ(43.8598, 48.2072, 56.8624)	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

**XYZ(43.8598, 48.2072,
56.8624)**

Conversions

Conversions Part 1

Format	Color
Hex	A9BCC0
RGB	169, 188, 192
RGB Percent	66%, 74%, 75%
CMY	0.3372, 0.2627, 0.2471
CMYK	0.12, 0.02, 0.00, 0.25
HSL	190°, 15%, 71%
HSV	190°, 12%, 75%
XYZ	43.8598, 48.2072, 56.8624
YIQ	182.7750, -12.6080, -2.7840

Conversions

Conversions Part 2

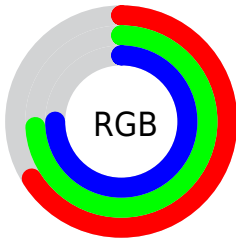
Format	Color
R_{YB}	169, 179, 192
Decimal	11123904
CIE _{Lab}	74.96, -5.67, -4.24
CIE _{LCh}	75, 7.080, 216.780
Yxy	48.2072, 0.2945, 0.3237
Android (android.graphics.Color)	4289313984 (0xFFA9BCC0)
YUV	182.7750, 4.5479, -12.0807
Hunter-Lab	69.4314, -8.7466, 0.0451

Details

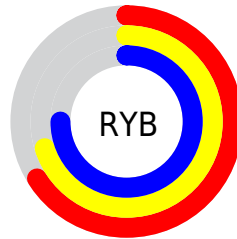
The XYZ color **43.8598, 48.2072, 56.8624** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.8435, 43.9579, 43.7108**, and the grayscale version is **44.8684, 47.2051, 51.4063**.

A 20% lighter version of the original color is **80.0344, 87.3260, 101.4443**, and **20.6603, 22.9739, 27.7716** is the 20% darker color. If you saturate the color by 10%, you get **39.3352, 44.8299, 56.4497**, and if you desaturate by 10%, it is **49.0086, 51.9333, 57.3110**.

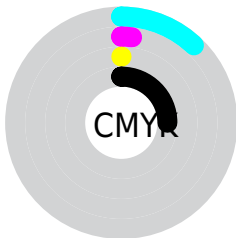
Distribution



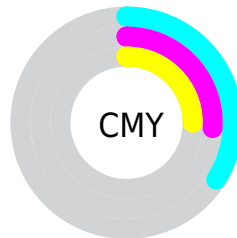
- Red (66%)
- Green (74%)
- Blue (75%)



- Red (66%)
- Yellow (70%)
- Blue (75%)



- Cyan (12%)
- Magenta (2%)
- Yellow (0%)
- Black (25%)



- Cyan (34%)
- Magenta (26%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.8598, 48.2072, 56.8624 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 43.8598, 48.2072, 56.8624 by changing the saturation by 10% instead.

■ 43.8598, 48.2072,
56.8624

■ 43.8598, 48.2072,
56.8624

352.9977,
379.6128, 430.4128

■ 30.7577, 33.9910,
40.4862

■ 80.2544, 87.5128,
101.7627

■ 20.5654, 22.8867,
27.6011

■ 104.2776,
113.3710, 131.1239

■ 12.9173, 14.5099,
17.7888

132.6720,
143.8787, 165.6504

■ 7.4482, 8.4761,
10.6306

165.8028,
179.4202, 205.7609

■ 3.7928, 4.4011,
5.7080

204.0354,
220.3800, 251.8738

■ 1.5856, 1.9004,
2.6024

247.7352,

■ 0.3830, 0.5486,

267.1425, 304.4077

0.8937

297.2675,
320.0919, 363.7812

■ 0.0000, 0.0000,
0.0000

■ 43.8598, 48.2072,
56.8624

■ 43.8598, 48.2072,
56.8624

■ 39.3352, 44.8299,
56.4497

■ 49.0086, 51.9333,
57.3110

■ 35.4042, 41.7816,
56.0686

■ 54.8021, 56.0151,
57.7935

■ 32.0398, 39.0497,
55.7186

■ 61.2651, 60.4669,
58.3122

■ 29.2116, 36.6180,
55.3983

■ 68.4199, 65.3002,
58.8680

■ 26.8857, 34.4692,
55.1061

■ 72.5114, 68.5795,
59.2853

■ 25.0247, 32.5836,
54.8402

■ 73.3166, 70.1898,
59.5537

■ 23.5857, 30.9391,
54.5986

■ 74.1388, 71.8344,
59.8278

■ 22.5172, 29.5088,
54.3789

■ 74.9784, 73.5134,
60.1076

■ 21.8497, 28.4761,
54.2147

■ 75.8352, 75.2271,
60.3932

Harmonies

Analogous

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



43.3983, 48.2072, 53.3333



43.8598, 48.2072, 56.8624



44.8477, 48.2072, 59.2980

Triad

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



43.8598, 48.2072, 56.8624



48.1390, 48.2072, 55.3427



45.5271, 48.2072, 45.7413

Complementary

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



43.8598, 48.2072, 56.8624



43.8435, 43.9579, 43.7108

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.



46.8052, 48.2072, 46.2231



43.8598, 48.2072, 56.8624



48.3291, 48.2072, 51.6546

Square

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



43.8598, 48.2072, 56.8624



47.3220, 48.2072, 58.3922



47.8367, 48.2072, 48.3466



44.3491, 48.2072, 46.9985

Rectangle

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



43.8598, 48.2072, 56.8624



45.6802, 48.2072, 59.9126



47.8367, 48.2072, 48.3466



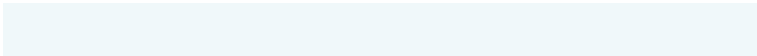
45.9591, 48.2072, 45.7062

Sweetspot

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



43.8612, 48.2092, 56.8635



86.7597, 92.6393, 103.6687



42.7393, 49.1458, 46.6849



18.4561, 19.7616, 22.2269



92.9021, 97.7402, 106.4391



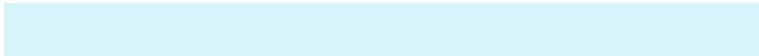
19.4759, 20.4902, 22.3138

Same Dimension

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



43.8612, 48.2092, 56.8635



77.5352, 85.9228, 102.8585



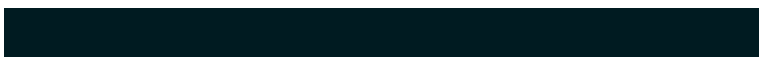
41.5338, 43.5544, 56.0877



10.2148, 11.1209, 12.8930



14.7528, 19.2622, 36.4970



0.6775, 0.9125, 1.5903

Inverse Universe

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



45.0044, 43.2142, 53.5485



79.9688, 75.3833, 95.7801



46.1102, 48.4915, 44.4664



10.4197, 10.2165, 12.3008



18.8425, 9.2268, 22.8806



0.8344, 0.4068, 1.0952

Previews

White Background



This preview shows how the XYZ color 43.8598, 48.2072, 56.8624 looks on a white background.

Color Contrast Check

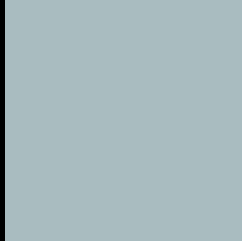
Large Text (above 18pt) WCAG AA × Fail

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 43.8598, 48.2072, 56.8624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

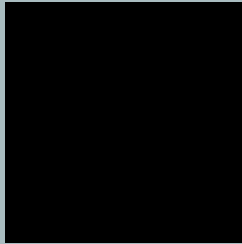
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

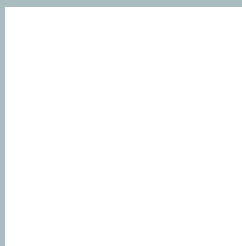
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.8598, 48.2072, 56.8624

Background



This preview shows how black text looks on a background with the XYZ color 43.8598, 48.2072, 56.8624.



This preview shows how white text looks on a background with the XYZ color 43.8598, 48.2072,

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

43.8598, 48.2072, 56.8624

Protanopia

46.3685, 47.9802, 54.9613

Deuteranopia

49.1464, 48.1410, 57.7408



Tritanopia

45.1075, 48.4156, 62.2261

Trichromacy



Original Color

43.8598, 48.2072, 56.8624

Protanomaly

45.4656, 48.1189, 55.6068

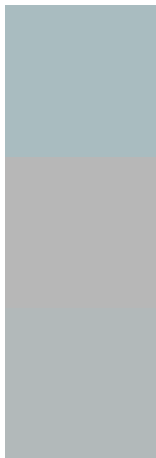
Deuteranomaly

46.8471, 47.8709, 57.2230

Tritanomaly

44.5409, 48.1639, 60.3751

Monochromacy



Original Color

43.8598, 48.2072, 56.8624

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

44.5720, 47.7081, 53.3138

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8598, 48.2072, 56.8624 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(169, 188, 192)` looks like.

```
.text, #text, p{  
    color:rgb(169, 188, 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(169, 188, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 188, 192) }
```

Border

The CSS property to change the border of an element to XYZ 43.8598, 48.2072, 56.8624 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(169, 188, 192) }
```


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

```
.border{ border-color:rgb(169, 188, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 188, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 188, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 188, 192);  
box-shadow:4px 4px 4px 4px rgb(169, 188,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8598, 48.2072, 56.8624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 188, 192) }
```

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

```
.background{ background-color: rgb(169,  
188, 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](#).

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