

Converting Colors

XYZ(43.4112, 48.2480, 57.1414)

Have a look what the booklet for
XYZ(43.4112, 48.2480, 57.1414)
contains.

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Color

**XYZ(43.4379, 48.3080,
56.9041)**

Conversions

Conversions Part 1

Format	Color
Hex	A6BDC0
RGB	166, 189, 192
RGB Percent	65%, 74%, 75%
CMY	0.3490, 0.2588, 0.2471
CMYK	0.14, 0.02, 0.00, 0.25
HSL	187°, 17%, 70%
HSV	187°, 14%, 75%
XYZ	43.4379, 48.3080, 56.9041
YIQ	182.4650, -14.6710, -3.9430

Conversions

Conversions Part 2

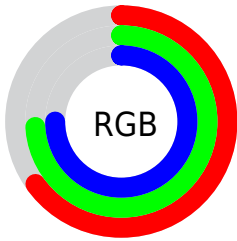
Format	Color
RYB	166, 178, 192
Decimal	10927552
CIELab	75.02, -7.19, -4.17
CIELCh	75, 8.309, 210.120
Yxy	48.3080, 0.2922, 0.3250
Android (android.graphics.Color)	4289117632 (0xFFA6BDC0)
YUV	182.4650, 4.7008, -14.4398
Hunter-Lab	69.5040, -10.0747, 0.1110

Details

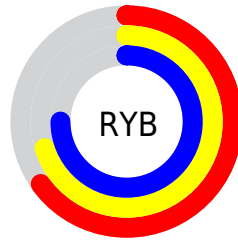
The XYZ color **43.4379, 48.3080, 56.9041** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.8093, 42.3353, 41.9924**, and the grayscale version is **44.6990, 47.0268, 51.2122**.

A 20% lighter version of the original color is **79.4145, 87.4543, 101.5017**, and **20.4038, 23.0498, 27.7998** is the 20% darker color. If you saturate the color by 10%, you get **39.2376, 45.4426, 56.5732**, and if you desaturate by 10%, it is **48.2491, 51.5018, 57.2677**.

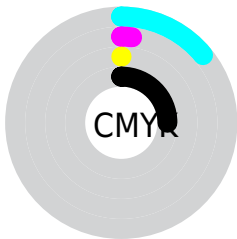
Distribution



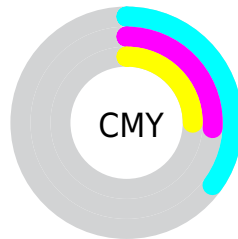
- Red (65%)
- Green (74%)
- Blue (75%)



- Red (65%)
- Yellow (70%)
- Blue (75%)



- Cyan (14%)
- Magenta (2%)
- Yellow (0%)
- Black (25%)





- Cyan (35%)
- Magenta (26%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.4379, 48.3080, 56.9041 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 43.4379, 48.3080, 56.9041 by changing the saturation by 10% instead.


 43.4379, 48.3080,
56.9041


 43.4379, 48.3080,
56.9041


351.3006,
380.0117, 430.5735

 30.4249, 34.0709,
40.5194


 79.6229, 87.6628,
101.8242

 20.3110, 22.9480,
27.6269


 103.5255,
113.5493, 131.1967

 12.7309, 14.5551,
17.8080

131.7887,
144.0876, 165.7355

 7.3192, 8.5078,
10.6442

164.7778,
179.6623, 205.8592

 3.7106, 4.4215,
5.7170

202.8582,
220.6576, 251.9863

 1.5398, 1.9121,
2.6078

246.3952,

 0.3526, 0.5556,

267.4580, 304.5353

0.8965

295.7542,
320.4479, 363.9249

■ 0.0000, 0.0000,
0.0000

■ 43.4379, 48.3080,
56.9041

■ 43.4379, 48.3080,
56.9041

■ 39.2376, 45.4426,
56.5732

■ 48.2491, 51.5018,
57.2677

■ 35.6176, 42.8857,
56.2704

■ 53.6920, 55.0307,
57.6620

■ 32.5505, 40.6246,
55.9956

■ 59.7915, 58.9090,
58.0891

■ 30.0055, 38.6433,
55.7474

■ 66.5699, 63.1482,
58.5501

■ 27.9485, 36.9241,
55.5239

■ 71.4252, 66.4070,
58.9232

■ 26.3412, 35.4473,
55.3236

■ 71.9417, 67.4401,
59.0954

■ 25.1398, 34.1903,
55.1443

■ 72.4657, 68.4881,
59.2701

■ 24.2912, 33.1256,
54.9835

■ 72.9972, 69.5511,
59.4473

■ 23.8647, 32.5062,
54.8864

■ 73.5362, 70.6291,
59.6269

Harmonies

Analogous

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



43.0594, 48.3080, 52.6167



43.4379, 48.3080, 56.9041



44.4773, 48.3080, 60.1810

Triad

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



43.4379, 48.3080, 56.9041



48.4915, 48.3080, 56.8722



45.9092, 48.3080, 44.6790

Complementary

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



43.4379, 48.3080, 56.9041



42.8093, 42.3353, 41.9924

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.



47.3840, 48.3080, 45.6825



43.4379, 48.3080, 56.9041



48.8948, 48.3080, 52.5817

Square

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



43.4379, 48.3080, 56.9041



47.3948, 48.3080, 60.1619



48.4852, 48.3080, 48.5171



44.4669, 48.3080, 45.6984

Rectangle

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



43.4379, 48.3080, 56.9041



45.4166, 48.3080, 61.2669



48.4852, 48.3080, 48.5171



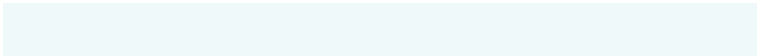
46.4177, 48.3080, 44.7902

Sweetspot

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



43.4393, 48.3100, 56.9052



86.9400, 92.9998, 103.7288



41.7002, 48.6566, 44.5341



18.5019, 19.8533, 22.2422



92.9021, 97.7402, 106.4391



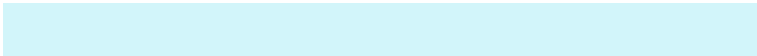
19.4759, 20.4902, 22.3138

Same Dimension

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



43.4393, 48.3100, 56.9052



76.5346, 86.0662, 102.9389



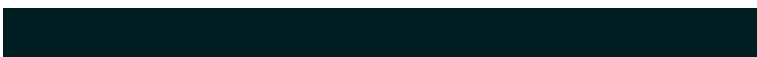
40.8450, 43.1213, 56.0404



10.2662, 11.2238, 12.9101



16.0948, 21.9461, 36.9443



0.7241, 1.0056, 1.6058

Inverse Universe

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



44.5608, 42.1540, 53.9344



78.9403, 72.9676, 96.5428



45.2681, 47.2527, 42.8120



10.4457, 10.2269, 12.4375



19.5199, 9.4977, 26.4474



0.8579, 0.4162, 1.2189

Previews

White Background



This preview shows how the XYZ color 43.4379, 48.3080, 56.9041 looks on a white background.

Color Contrast Check

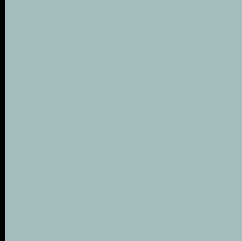
Large Text (above 18pt) WCAG AA × Fail

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 43.4379, 48.3080, 56.9041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

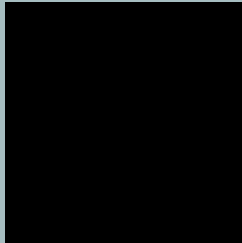
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.4379, 48.3080, 56.9041

Background



This preview shows how black text looks on a background with the XYZ color 43.4379, 48.3080, 56.9041.



This preview shows how white text looks on a background with the XYZ color 43.4379, 48.3080,

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

43.4379, 48.3080, 56.9041

Protanopia

46.3685, 47.9802, 54.9613

Deuteranopia

49.1464, 48.1410, 57.7408



Tritanopia

44.5794, 48.1297, 62.8175

Trichromacy



Original Color

43.4379, 48.3080, 56.9041

Protanomaly

45.2336, 47.9993, 55.5959

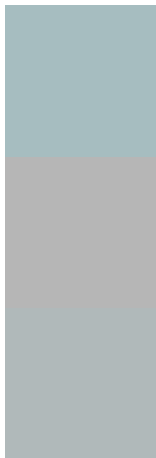
Deuteranomaly

46.8088, 48.1563, 57.2801

Tritanomaly

44.1126, 48.2591, 60.4160

Monochromacy



Original Color

43.4379, 48.3080, 56.9041

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

44.1164, 47.4732, 53.2924

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4379, 48.3080, 56.9041 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(166, 189, 192) looks like.

```
.text, #text, p{  
    color:rgb(166, 189, 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(166, 189, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 189, 192) }
```

Border

The CSS property to change the border of an element to XYZ 43.4379, 48.3080, 56.9041 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(166, 189, 192) }
```


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

```
.border{ border-color:rgb(166, 189, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 189, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 189, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 189, 192);  
box-shadow:4px 4px 4px 4px rgb(166, 189,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4379, 48.3080, 56.9041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 189, 192) }
```

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

```
.background{ background-color: rgb(166,  
189, 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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