

Converting Colors

XYZ(44.4255, 49.7178, 59.0894)

Have a look what the booklet for
XYZ(44.4255, 49.7178, 59.0894)
contains.

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Color

**XYZ(44.4258, 49.7464,
58.8903)**

Conversions

Conversions Part 1

Format	Color
Hex	A6C0C3
RGB	166, 192, 195
RGB Percent	65%, 75%, 76%
CMY	0.3490, 0.2470, 0.2353
CMYK	0.15, 0.02, 0.00, 0.24
HSL	186°, 19%, 71%
HSV	186°, 15%, 76%
XYZ	44.4258, 49.7464, 58.8903
YIQ	184.5680, -16.4590, -4.5790

Conversions

Conversions Part 2

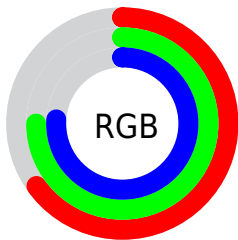
Format	Color
R _Y B	166, 180, 195
Decimal	10928323
CIE Lab	75.91, -8.14, -4.48
CIE LCh	76, 9.296, 208.813
Yxy	49.7464, 0.2902, 0.3250
Android (android.graphics.Color)	4289118403 (0xFFA6C0C3)
YUV	184.5680, 5.1430, -16.2841
Hunter-Lab	70.5311, -10.9968, -0.1327

Details

The XYZ color **44.4258, 49.7464, 58.8903** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.5768, 42.7310, 42.0283**, and the grayscale version is **45.8543, 48.2423, 52.5358**.

A 20% lighter version of the original color is **80.9569, 89.5352, 105.1106**, and **20.9798, 23.9657, 28.7194** is the 20% darker color. If you saturate the color by 10%, you get **40.2049, 46.9193, 58.5679**, and if you desaturate by 10%, it is **49.2755, 52.9093, 59.2460**.

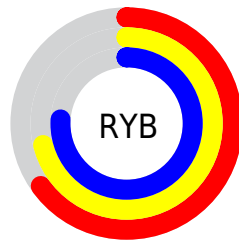
Distribution



Red (65%)

Green (75%)

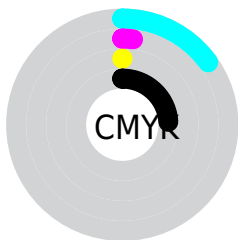
Blue (76%)



Red (65%)

Yellow (71%)

Blue (76%)

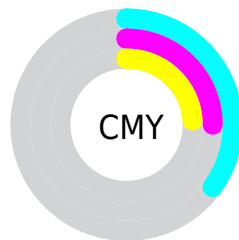


Cyan (15%)

Magenta (2%)

Yellow (0%)

Black (24%)



Cyan (35%)

Magenta (25%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.4258, 49.7464, 58.8903 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 44.4258, 49.7464, 58.8903 by changing the saturation by 10% instead.

■ 44.4258, 49.7464,
58.8903

■ 44.4258, 49.7464,
58.8903

355.2660,
385.6734, 438.1858

■ 31.2047, 35.2119,
42.1054

■ 81.1005, 89.7990,
104.7458

■ 20.9074, 23.8262,
28.8576

■ 105.2848,
116.0860, 134.6534

■ 13.1684, 15.2047,
18.7285

133.8543,
147.0592, 169.7723

■ 7.6224, 8.9632,
11.2994

167.1742,
183.1031, 210.5212

■ 3.9041, 4.7172,
6.1519

205.6100,
224.6021, 257.3184

■ 1.6480, 2.0823,
2.8674

249.5270,

■ 0.4234, 0.6546,

271.9405, 310.5825

1.0273

299.2905,
325.5028, 370.7322

■ 0.0000, 0.0000,
0.0000

■ 44.4258, 49.7464,
58.8903

■ 44.4258, 49.7464,
58.8903

■ 40.2049, 46.9193,
58.5679

■ 49.2755, 52.9093,
59.2460

■ 36.5806, 44.4074,
58.2741

■ 54.7756, 56.4152,
59.6328

■ 33.5244, 42.1973,
58.0085

■ 60.9523, 60.2790,
60.0530

■ 31.0037, 40.2721,
57.7698

■ 67.8289, 64.5126,
60.5078

■ 28.9825, 38.6134,
57.5562

■ 72.2300, 67.4793,
60.8484

■ 27.4206, 37.2002,
57.3657

■ 72.7063, 68.4317,
61.0072

■ 26.2713, 36.0084,
57.1962

■ 73.1887, 69.3966,
61.1680

■ 25.4777, 35.0089,
57.0451

■ 73.6774, 70.3739,
61.3309

■ 25.1508, 34.5409,
56.9720

■ 74.1723, 71.3638,
61.4958

Harmonies

Analogous

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



44.0324, 49.7464, 53.9681



44.4258, 49.7464, 58.8903



45.5798, 49.7464, 62.7357

Triad

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



44.4258, 49.7464, 58.8903



50.1872, 49.7464, 59.2528



47.3515, 49.7464, 45.1836

Complementary

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



44.4258, 49.7464, 58.8903



43.5768, 42.7310, 42.0283

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.



49.0270, 49.7464, 46.4134



44.4258, 49.7464, 58.8903



50.6887, 49.7464, 54.3631

Square

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



44.4258, 49.7464, 58.8903



48.9047, 49.7464, 62.9538



50.2590, 49.7464, 49.7002



45.6965, 49.7464, 46.2355

Rectangle

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



44.4258, 49.7464, 58.8903



46.6397, 49.7464, 64.0645



50.2590, 49.7464, 49.7002



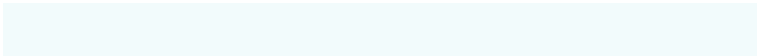
47.9311, 49.7464, 45.3424

Sweetspot

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



44.4272, 49.7485, 58.8914



89.0053, 95.2450, 106.1628



42.3938, 49.9989, 44.9040



19.3350, 20.7571, 23.2374



0.0000, 0.0000, 0.0000



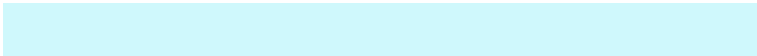
20.3446, 21.4041, 23.3091

Same Dimension

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



44.4272, 49.7485, 58.8914



76.8684, 87.3069, 105.2703



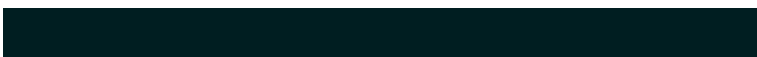
41.4179, 43.7298, 57.8883



10.2767, 11.2448, 12.9137



16.3825, 22.5215, 37.0403



0.7339, 1.0253, 1.6091

Inverse Universe

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



45.6574, 42.6812, 55.7035



79.5281, 72.1716, 98.3456



46.4055, 48.3883, 42.9712



10.4510, 10.2290, 12.4654



19.6651, 9.5558, 27.2122



0.8628, 0.4181, 1.2451

Previews

White Background



This preview shows how the XYZ color 44.4258, 49.7464, 58.8903 looks on a white background.

Color Contrast Check

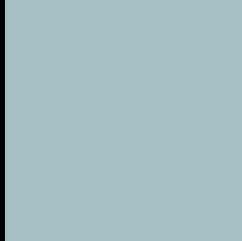
Large Text (above 18pt) WCAG AA × Fail

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 44.4258, 49.7464, 58.8903 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 44.4258, 49.7464, 58.8903

Background



This preview shows how black text looks on a background with the XYZ color 44.4258, 49.7464, 58.8903.

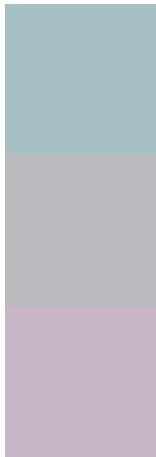


This preview shows how white text looks on a background with the XYZ color 44.4258, 49.7464,

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

44.4258, 49.7464, 58.8903

Protanopia

47.9491, 49.6982, 56.3557

Deuteranopia

50.4213, 49.3583, 59.6929



Tritanopia

45.7025, 49.6080, 65.5590

Trichromacy



Original Color

44.4258, 49.7464, 58.8903

Protanomaly

46.5537, 49.5960, 56.9885

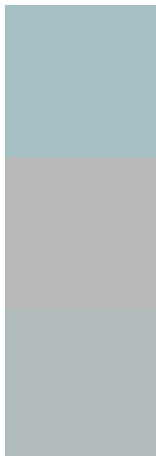
Deuteranomaly

48.0518, 49.3748, 59.2222

Tritanomaly

45.2278, 49.7414, 63.0944

Monochromacy



Original Color

44.4258, 49.7464, 58.8903

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

45.5286, 49.1055, 55.2228

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.4258, 49.7464, 58.8903 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, 192, 195)` looks like.

```
.text, #text, p{  
    color:rgb(166, 192, 195)  
}
```

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, 192, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 192, 195) }
```

Border

The CSS property to change the border of an element to XYZ 44.4258, 49.7464, 58.8903 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, 192, 195) }
```


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

```
.border{ border-color:rgb(166, 192, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 192, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 192, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 192, 195);  
box-shadow:4px 4px 4px 4px rgb(166, 192,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 44.4258, 49.7464, 58.8903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 192, 195) }
```

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

```
.background{ background-color: rgb(166,  
192, 195) }
```

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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