

Converting Colors

XYZ(44.0703, 50.6684, 69.7548)

Have a look what the booklet for
XYZ(44.0703, 50.6684, 69.7548)
contains.

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Color

**XYZ(44.0180, 50.6229,
69.7386)**

Conversions

Conversions Part 1

Format	Color
Hex	95C4D4
RGB	149, 196, 212
RGB Percent	58%, 77%, 83%
CMY	0.4157, 0.2314, 0.1686
CMYK	0.30, 0.08, 0.00, 0.17
HSL	195°, 42%, 71%
HSV	195°, 30%, 83%
XYZ	44.0180, 50.6229, 69.7386
YIQ	183.7710, -33.1480, -4.9880

Conversions

Conversions Part 2

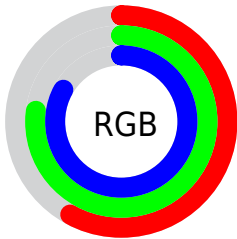
Format	Color
RYB	149, 176, 212
Decimal	9815252
CIELab	76.45, -11.65, -13.00
CIELCh	76, 17.457, 228.142
Yxy	50.6229, 0.2678, 0.3080
Android (android.graphics.Color)	4288005332 (0xFF95C4D4)
YUV	183.7710, 13.9169, -30.4942
Hunter-Lab	71.1498, -14.0801, -8.3092

Details

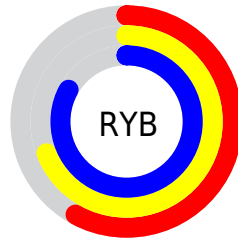
The XYZ color **44.0180, 50.6229, 69.7386** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.0320, 43.0776, 34.3235**, and the grayscale version is **45.3736, 47.7366, 51.9851**.

A 20% lighter version of the original color is **78.3521, 90.4497, 107.9367**, and **20.5827, 24.2671, 35.4975** is the 20% darker color. If you saturate the color by 10%, you get **39.3044, 46.4237, 69.1774**, and if you desaturate by 10%, it is **49.4823, 55.2763, 70.3496**.

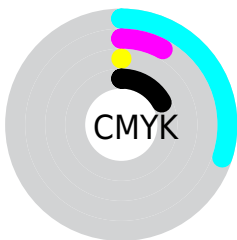
Distribution



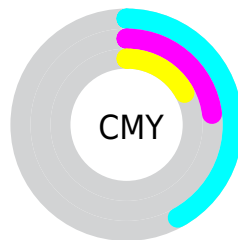
- Red (58%)
- Green (77%)
- Blue (83%)



- Red (58%)
- Yellow (69%)
- Blue (83%)



- Cyan (30%)
- Magenta (8%)
- Yellow (0%)
- Black (17%)



- Cyan (42%)
- Magenta (23%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.0180, 50.6229, 69.7386 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 44.0180, 50.6229, 69.7386 by changing the saturation by 10% instead.

■ 44.0180, 50.6229,
69.7386

■ 44.0180, 50.6229,
69.7386

353.6327,
389.0969, 478.3960

■ 30.8826, 35.9086,
50.8380

■ 80.4910, 91.0971,
120.5135

■ 20.6609, 24.3636,
35.7038

■ 104.5594,
117.6258, 153.2249

■ 12.9874, 15.6036,
23.9177

133.0027,
148.8614, 191.3769

■ 7.4968, 9.2441,
15.0609

166.1865,
185.1883, 235.3882

■ 3.8238, 4.9007,
8.7151

204.4761,
226.9909, 285.6772

■ 1.6029, 2.1891,
4.4615

248.2367,

■ 0.3943, 0.7141,

274.6536, 342.6624

1.8818

297.8338,
328.5608, 406.7625

■ 0.0000, 0.0000,
0.4811

■ 0.0000, 0.0000,
0.0000

■ 44.0180, 50.6229,
69.7386

■ 44.0180, 50.6229,
69.7386

■ 39.3044, 46.4237,
69.1774

■ 49.4823, 55.2763,
70.3496

■ 35.2981, 42.6519,
68.6605

■ 55.7285, 60.3968,
71.0088

■ 31.9585, 39.2871,
68.1870

■ 62.7914, 66.0045,
71.7189

■ 29.2384, 36.3044,
67.7547

■ 70.7026, 72.1160,
72.4816

■ 27.0843, 33.6753,
67.3608

■ 79.4904, 78.7467,
73.2983

■ 25.4328, 31.3667,
67.0022

■ 80.9511, 81.6680,
73.7852

■ 24.1728, 29.3204,
66.6736

■ 82.4579, 84.6816,
74.2874

■ 24.1392, 29.2642,
66.6645

■ 84.0112, 87.7883,
74.8052

■ 85.6115, 90.9889,
75.3387

Harmonies

Analogous

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



42.3530, 50.6229, 60.9533



44.0180, 50.6229, 69.7386



46.8278, 50.6229, 74.8113

Triad

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



44.0180, 50.6229, 69.7386



54.5734, 50.6229, 58.9256



46.1733, 50.6229, 39.6386

Complementary

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



44.0180, 50.6229, 69.7386



46.0320, 43.0776, 34.3235

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.



49.4267, 50.6229, 39.2276



44.0180, 50.6229, 69.7386



54.3785, 50.6229, 49.6708

Square

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



44.0180, 50.6229, 69.7386



52.9807, 50.6229, 68.1094



52.4598, 50.6229, 42.7015



43.5577, 50.6229, 43.8965

Rectangle

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



44.0180, 50.6229, 69.7386



49.0167, 50.6229, 75.0616



52.4598, 50.6229, 42.7015



47.2255, 50.6229, 39.0653

Sweetspot

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



44.0195, 50.6249, 69.7398



85.2739, 92.2420, 107.9178



42.7077, 56.1851, 44.0731



17.9347, 19.4876, 23.0662



0.0000, 0.0000, 0.0000



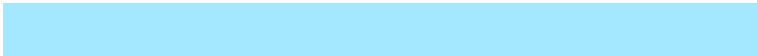
20.3446, 21.4041, 23.3091

Same Dimension

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



44.0195, 50.6249, 69.7398



61.9643, 72.5658, 105.3485



37.6892, 37.9643, 67.6297



12.5128, 13.5490, 15.8932



14.9860, 18.2338, 41.1828



0.9683, 1.2285, 2.5054

Inverse Universe

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



47.8639, 39.4787, 57.3243



68.8940, 53.3340, 82.7758



52.3735, 55.7608, 36.4374



12.8120, 12.5763, 14.9504



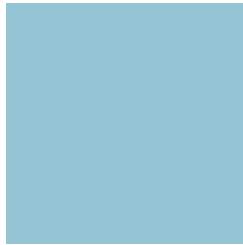
20.6231, 10.1856, 21.1171



1.2764, 0.6273, 1.4448

Previews

White Background



This preview shows how the XYZ color 44.0180, 50.6229, 69.7386 looks on a white background.

Color Contrast Check

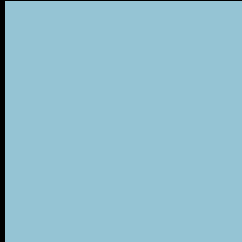
Large Text (above 18pt) WCAG AA × Fail

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 44.0180, 50.6229, 69.7386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

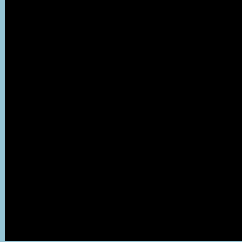
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.0180, 50.6229, 69.7386

Background



This preview shows how black text looks on a background with the XYZ color 44.0180, 50.6229, 69.7386.



This preview shows how white text looks on a background with the XYZ color 44.0180, 50.6229,

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

44.0180, 50.6229, 69.7386

Protanopia

49.1606, 50.4360, 65.5366

Deuteranopia

51.4474, 50.2426, 71.2762



Tritanopia

44.0180, 50.6229, 69.7386

Trichromacy



Original Color

44.0180, 50.6229, 69.7386

Protanomaly

47.0322, 50.2652, 66.8978

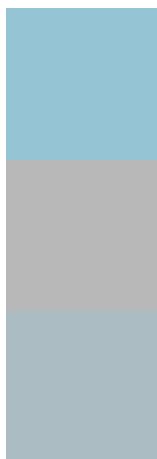
Deuteranomaly

48.4809, 50.2865, 70.7694

Tritanomaly

44.0180, 50.6229, 69.7386

Monochromacy



Original Color

44.0180, 50.6229, 69.7386

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

44.5154, 48.5194, 58.0579

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.0180, 50.6229, 69.7386 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(149, 196, 212)` looks like.

```
.text, #text, p{  
    color:rgb(149, 196, 212)  
}
```

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(149, 196, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 196, 212) }
```

Border

The CSS property to change the border of an element to XYZ 44.0180, 50.6229, 69.7386 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(149, 196, 212) }
```


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

```
.border{ border-color:rgb(149, 196, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 196, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 196, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 196, 212);  
box-shadow:4px 4px 4px 4px rgb(149, 196,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 44.0180, 50.6229, 69.7386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 196, 212) }
```

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

```
.background{ background-color: rgb(149,  
196, 212) }
```

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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