

Converting Colors

XYZ(44.3265, 51.8399, 67.9914)

Have a look what the booklet for
XYZ(44.3265, 51.8399, 67.9914)
contains.

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Color

**XYZ(44.3265, 51.8399,
67.9914)**

Conversions

Conversions Part 1

Format	Color
Hex	95C7D1
RGB	149, 199, 209
RGB Percent	58%, 78%, 82%
CMY	0.4157, 0.2196, 0.1804
CMYK	0.29, 0.05, 0.00, 0.18
HSL	190°, 39%, 70%
HSV	190°, 29%, 82%
XYZ	44.3265, 51.8399, 67.9914
YIQ	185.1900, -33.0100, -7.4900

Conversions

Conversions Part 2

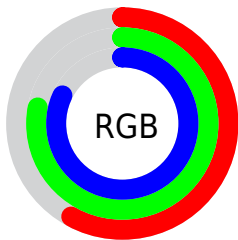
Format	Color
RYB	149, 176, 209
Decimal	9816017
CIELab	77.19, -13.92, -10.28
CIELCh	77, 17.303, 216.463
Yxy	51.8399, 0.2700, 0.3158
Android (android.graphics.Color)	4288006097 (0xFF95C7D1)
YUV	185.1900, 11.7383, -31.7386
Hunter-Lab	71.9999, -16.1070, -5.5891

Details

The XYZ color **44.3265, 51.8399, 67.9914** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **44.1181, 40.5219, 33.9312**, and the grayscale version is **46.1710, 48.5754, 52.8987**.

A 20% lighter version of the original color is **78.7118, 91.5774, 108.1354**, and **20.8657, 25.1042, 34.7562** is the 20% darker color. If you saturate the color by 10%, you get **40.0585, 48.4649, 67.5658**, and if you desaturate by 10%, it is **49.3002, 55.6084, 68.4575**.

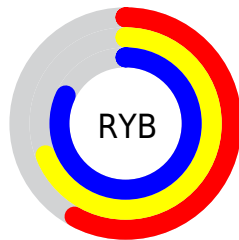
Distribution



Red (58%)

Green (78%)

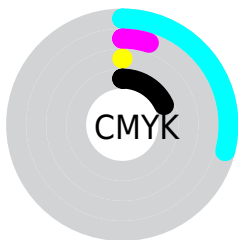
Blue (82%)



Red (58%)

Yellow (69%)

Blue (82%)

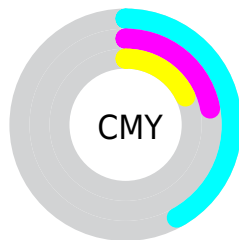


Cyan (29%)

Magenta (5%)

Yellow (0%)

Black (18%)



Cyan (42%)

Magenta (22%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.3265, 51.8399, 67.9914 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 44.3265, 51.8399, 67.9914 by changing the saturation by 10% instead.

■ 44.3265, 51.8399,
67.9914

■ 44.3265, 51.8399,
67.9914

354.8687,
393.8182, 472.0628

■ 31.1263, 36.8775,
49.4241

■ 80.9521, 92.8951,
117.9939

■ 20.8473, 25.1126,
34.5880

■ 105.1083,
119.7566, 150.2662

■ 13.1243, 16.1610,
23.0647

133.6471,
151.3534, 187.9440

■ 7.5918, 9.6382,
14.4355

166.9339,
188.0696, 231.4457

■ 3.8845, 5.1597,
8.2820

205.3341,
230.2899, 281.1898

■ 1.6370, 2.3413,
4.1856

249.2131,

■ 0.4163, 0.7954,

278.3984, 337.5951

1.7277

298.9362,
332.7798, 401.0799

■ 0.0000, 0.0000,
0.3796

■ 0.0000, 0.0000,
0.0000

■ 44.3265, 51.8399,
67.9914

■ 44.3265, 51.8399,
67.9914

■ 40.0585, 48.4649,
67.5658

■ 49.3002, 55.6084,
68.4575

■ 36.4547, 45.4582,
67.1754

■ 55.0090, 59.7820,
68.9622

■ 33.4767, 42.8009,
66.8194

■ 61.4861, 64.3793,
69.5082

■ 31.0799, 40.4699,
66.4958

■ 68.7614, 69.4158,
70.0969

■ 29.2135, 38.4389,
66.2022

■ 76.8631, 74.9062,
70.7297

■ 27.8181, 36.6769,
65.9356

■ 78.3155, 76.9970,
71.0567

■ 26.7999, 35.1356,
65.6918

■ 79.2385, 78.8430,
71.3643

■ 26.6788, 34.9436,
65.6611

■ 80.1807, 80.7274,
71.6784

■ 81.1422, 82.6503,
71.9989

Harmonies

Analogous

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



43.2120, 51.8399, 58.5226



44.3265, 51.8399, 67.9914



46.7729, 51.8399, 74.8693

Triad

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



44.3265, 51.8399, 67.9914



55.3438, 51.8399, 64.0451



48.5590, 51.8399, 40.1941

Complementary

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



44.3265, 51.8399, 67.9914



44.1181, 40.5219, 33.9312

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.



51.8591, 51.8399, 41.3220



44.3265, 51.8399, 67.9914



55.8742, 51.8399, 54.4169

Square

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



44.3265, 51.8399, 67.9914



53.1543, 51.8399, 72.4184



54.5729, 51.8399, 46.2856



45.5840, 51.8399, 43.0119

Rectangle

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



44.3265, 51.8399, 67.9914



48.8805, 51.8399, 76.6733



54.5729, 51.8399, 46.2856



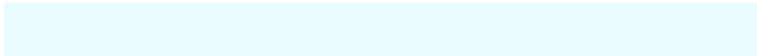
49.6661, 51.8399, 40.1294

Sweetspot

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



44.3280, 51.8420, 67.9926



85.8971, 93.4885, 108.1256



41.3675, 54.4601, 40.6805



18.0890, 19.7962, 23.1176



0.0000, 0.0000, 0.0000



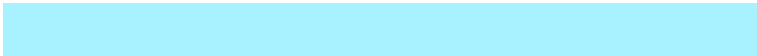
20.3446, 21.4041, 23.3091

Same Dimension

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



44.3280, 51.8420, 67.9926



65.5857, 78.2243, 106.2498



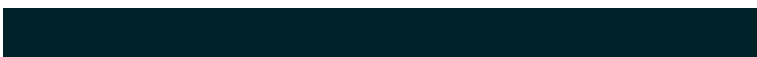
38.2789, 39.7437, 65.9762



11.9837, 13.0577, 15.1324



16.5115, 21.6696, 40.5049



0.9688, 1.3028, 2.2800

Inverse Universe

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



47.3520, 39.1750, 59.1010



71.1086, 55.7004, 89.8732



49.7035, 51.6927, 35.7930



12.2227, 11.9738, 14.4484



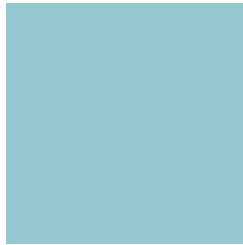
20.9650, 10.2588, 25.7854



1.1953, 0.5828, 1.5630

Previews

White Background



This preview shows how the XYZ color 44.3265, 51.8399, 67.9914 looks on a white background.

Color Contrast Check

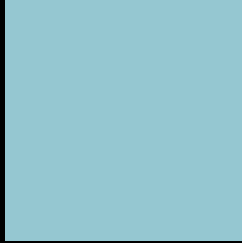
Large Text (above 18pt) WCAG AA × Fail

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 44.3265, 51.8399, 67.9914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

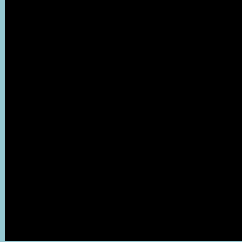
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.3265, 51.8399, 67.9914

Background



This preview shows how black text looks on a background with the XYZ color 44.3265, 51.8399, 67.9914.



This preview shows how white text looks on a background with the XYZ color 44.3265, 51.8399,

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

44.3265, 51.8399, 67.9914

Protanopia

50.2123, 51.6541, 63.8237

Deuteranopia

52.5213, 51.4572, 69.4514



Tritanopia

44.9094, 51.7272, 71.2357

Trichromacy



Original Color

44.3265, 51.8399, 67.9914

Protanomaly

47.7686, 51.6617, 65.2116

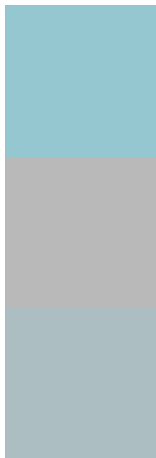
Deuteranomaly

48.9937, 51.2334, 68.9348

Tritanomaly

44.6554, 51.6257, 69.8985

Monochromacy



Original Color

44.3265, 51.8399, 67.9914

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

45.1643, 49.4926, 58.2116

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.3265, 51.8399, 67.9914 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, 199, 209)` looks like.

```
.text, #text, p{  
    color:rgb(149, 199, 209)  
}
```

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, 199, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 199, 209) }
```

Border

The CSS property to change the border of an element to XYZ 44.3265, 51.8399, 67.9914 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, 199, 209) }
```


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

```
.border{ border-color:rgb(149, 199, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 199, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 199, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 199, 209);  
box-shadow:4px 4px 4px 4px rgb(149, 199,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 44.3265, 51.8399, 67.9914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 199, 209) }
```

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

```
.background{ background-color: rgb(149,  
199, 209) }
```

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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