

Converting Colors

XYZ(44.0712, 51.8424, 66.5851)

Have a look what the booklet for
XYZ(44.0712, 51.8424, 66.5851)
contains.

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Color

**XYZ(44.0803, 51.7414,
66.6953)**

Conversions

Conversions Part 1

Format	Color
Hex	95C7CF
RGB	149, 199, 207
RGB Percent	58%, 78%, 81%
CMY	0.4157, 0.2196, 0.1882
CMYK	0.28, 0.04, 0.00, 0.19
HSL	188°, 38%, 70%
HSV	188°, 28%, 81%
XYZ	44.0803, 51.7414, 66.6953
YIQ	184.9620, -32.3680, -8.1120

Conversions

Conversions Part 2

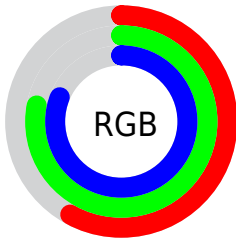
Format	Color
RYB	149, 176, 207
Decimal	9816015
CIELab	77.13, -14.38, -9.29
CIELCh	77, 17.121, 212.868
Yxy	51.7414, 0.2712, 0.3184
Android (android.graphics.Color)	4288006095 (0xFF95C7CF)
YUV	184.9620, 10.8647, -31.5387
Hunter-Lab	71.9315, -16.4936, -4.6220

Details

The XYZ color **44.0803, 51.7414, 66.6953** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.2145, 39.5495, 33.7910**, and the grayscale version is **46.0486, 48.4467, 52.7584**.

A 20% lighter version of the original color is **78.7118, 91.5774, 108.1354**, and **20.6990, 25.0375, 33.8788** is the 20% darker color. If you saturate the color by 10%, you get **39.9840, 48.6651, 66.3183**, and if you desaturate by 10%, it is **48.8633, 55.1925, 67.1102**.

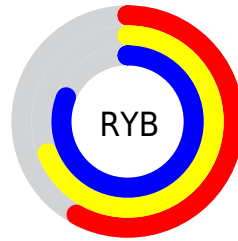
Distribution



Red (58%)

Green (78%)

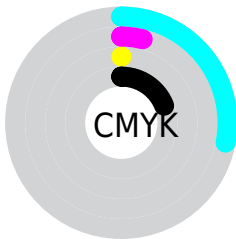
Blue (81%)



Red (58%)

Yellow (69%)

Blue (81%)

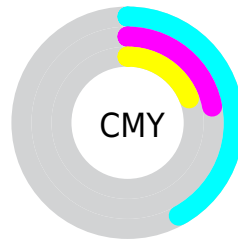


Cyan (28%)

Magenta (4%)

Yellow (0%)

Black (19%)



Cyan (42%)

Magenta (22%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.0803, 51.7414, 66.6953 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 44.0803, 51.7414, 66.6953 by changing the saturation by 10% instead.

■ 44.0803, 51.7414,
66.6953

■ 44.0803, 51.7414,
66.6953

353.8825,
393.4375, 467.3313

■ 30.9318, 36.7990,
48.3770

■ 80.5842, 92.7497,
116.1202

■ 20.6985, 25.0519,
33.7634

■ 104.6703,
119.5845, 148.0639

■ 13.0150, 16.1157,
22.4360

133.1329,
151.1521, 185.3864

■ 7.5160, 9.6061,
13.9763

166.3376,
187.8370, 228.5064

■ 3.8360, 5.1386,
7.9656

204.6495,
230.0236, 277.8424

■ 1.6098, 2.3288,
3.9855

248.4340,

■ 0.3988, 0.7889,

278.0963, 333.8128

1.6174

298.0566,
332.4394, 396.8363

■ 0.0000, 0.0000,
0.3032

■ 0.0000, 0.0000,
0.0000

■ 44.0803, 51.7414,
66.6953

■ 44.0803, 51.7414,
66.6953

■ 39.9840, 48.6651,
66.3183

■ 48.8633, 55.1925,
67.1102

■ 36.5340, 45.9389,
65.9739

■ 54.3612, 59.0294,
67.5610

■ 33.6931, 43.5447,
65.6615

■ 60.6065, 63.2700,
68.0504

■ 31.4180, 41.4603,
65.3791

■ 67.6282, 67.9294,
68.5796

■ 29.6600, 39.6603,
65.1243

■ 75.4536, 73.0218,
69.1501

■ 28.3616, 38.1151,
64.8945

■ 77.0918, 74.9434,
69.4347

■ 27.4388, 36.7811,
64.6856

■ 77.8301, 76.4199,
69.6808

■ 27.2743, 36.5284,
64.6455

■ 78.5811, 77.9219,
69.9311

■ 79.3449, 79.4496,
70.1857

Harmonies

Analogous

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



43.1577, 51.7414, 57.2443



44.0803, 51.7414, 66.6953



46.3644, 51.7414, 73.9467

Triad

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



44.0803, 51.7414, 66.6953



54.9943, 51.7414, 64.9624



48.8644, 51.7414, 40.1869

Complementary

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



44.0803, 51.7414, 66.6953



43.2145, 39.5495, 33.7910

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.



52.1046, 51.7414, 41.7726



44.0803, 51.7414, 66.6953



55.7351, 51.7414, 55.4405

Square

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



44.0803, 51.7414, 66.6953



52.6735, 51.7414, 72.8709



54.6557, 51.7414, 47.1119



45.8419, 51.7414, 42.5157

Rectangle

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



44.0803, 51.7414, 66.6953



48.4015, 51.7414, 76.1791



54.6557, 51.7414, 47.1119



49.9640, 51.7414, 40.2803

Sweetspot

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



44.0818, 51.7435, 66.6965



87.0482, 94.5525, 108.2703



40.7713, 53.4414, 39.9464



18.3287, 20.0291, 23.1499



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.



44.0818, 51.7435, 66.6965



66.3264, 79.7059, 106.4967



38.0827, 39.7452, 64.6968



12.0136, 13.1175, 15.1424



17.2355, 23.1176, 40.7462



1.0029, 1.3710, 2.2913

Inverse Universe

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



46.7896, 38.8850, 59.0747



71.4825, 55.8499, 91.8422



48.6607, 50.4419, 35.6064



12.2378, 11.9798, 14.5278



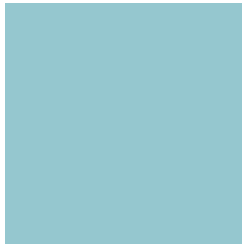
21.3304, 10.4050, 27.7098



1.2125, 0.5897, 1.6536

Previews

White Background



This preview shows how the XYZ color 44.0803, 51.7414, 66.6953 looks on a white background.

Color Contrast Check

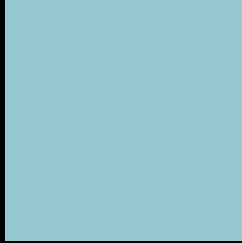
Large Text (above 18pt) WCAG AA × Fail

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 44.0803, 51.7414, 66.6953 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

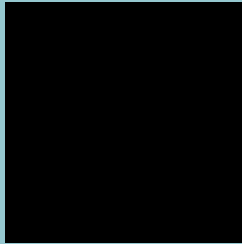
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.0803, 51.7414, 66.6953

Background



This preview shows how black text looks on a background with the XYZ color 44.0803, 51.7414, 66.6953.

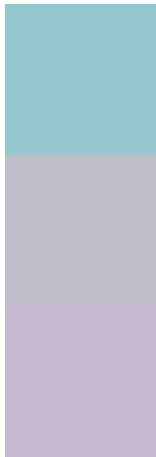


This preview shows how white text looks on a background with the XYZ color 44.0803, 51.7414,

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

44.0803, 51.7414, 66.6953

Protanopia

49.9754, 51.5594, 62.5763

Deuteranopia

52.5350, 51.4932, 68.1431



Tritanopia

45.0942, 51.8225, 71.2444

Trichromacy



Original Color

44.0803, 51.7414, 66.6953

Protanomaly

47.5287, 51.5657, 63.9481

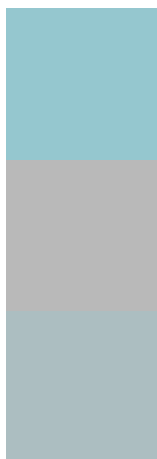
Deuteranomaly

48.9781, 51.2541, 67.6332

Tritanomaly

44.5296, 51.5753, 69.2361

Monochromacy



Original Color

44.0803, 51.7414, 66.6953

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

45.0524, 49.4478, 57.6219

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.0803, 51.7414, 66.6953 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, 207)` looks like.

```
.text, #text, p{  
    color:rgb(149, 199, 207)  
}
```

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, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 199, 207) }
```

Border

The CSS property to change the border of an element to XYZ 44.0803, 51.7414, 66.6953 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, 207) }
```


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

```
.border{ border-color:rgb(149, 199, 207) }
```

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, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 199, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 199, 207);  
box-shadow:4px 4px 4px 4px rgb(149, 199,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 44.0803, 51.7414, 66.6953 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, 207) }
```

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

```
.background{ background-color: rgb(149,  
199, 207) }
```

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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