

Converting Colors

XYZ(44.4169, 51.3130, 59.9952)

Have a look what the booklet for
XYZ(44.4169, 51.3130, 59.9952)
contains.

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Color

**XYZ(44.4273, 51.3916,
59.8026)**

Conversions

Conversions Part 1

Format	Color
Hex	A0C5C4
RGB	160, 197, 196
RGB Percent	63%, 77%, 77%
CMY	0.3725, 0.2274, 0.2314
CMYK	0.19, 0.00, 0.01, 0.23
HSL	178°, 24%, 70%
HSV	178°, 19%, 77%
XYZ	44.4273, 51.3916, 59.8026
YIQ	185.8230, -21.7310, -8.1550

Conversions

Conversions Part 2

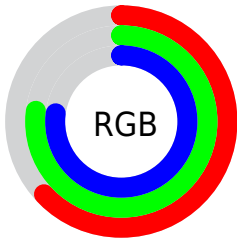
Format	Color
RYB	160, 179, 197
Decimal	10536388
CIELab	76.92, -12.46, -3.59
CIELCh	77, 12.967, 196.068
Yxy	51.3916, 0.2855, 0.3302
Android (android.graphics.Color)	4288726468 (0xFFA0C5C4)
YUV	185.8230, 5.0173, -22.6468
Hunter-Lab	71.6879, -14.8317, 0.7214

Details

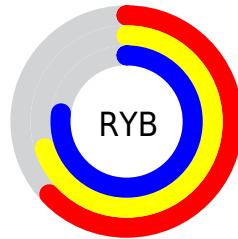
The XYZ color **44.4273, 51.3916, 59.8026** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.0316, 39.5866, 39.1461**, and the grayscale version is **46.5558, 48.9803, 53.3396**.

A 20% lighter version of the original color is **81.1958, 92.4225, 106.4884**, and **20.8893, 24.7861, 29.2744** is the 20% darker color. If you saturate the color by 10%, you get **40.7366, 49.4973, 59.3143**, and if you desaturate by 10%, it is **48.7452, 53.6119, 60.3235**.

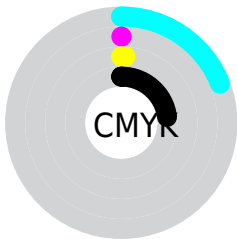
Distribution



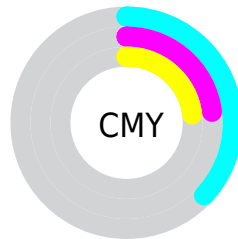
- Red (63%)
- Green (77%)
- Blue (77%)



- Red (63%)
- Yellow (70%)
- Blue (77%)



- Cyan (19%)
- Magenta (0%)
- Yellow (1%)
- Black (23%)



- Cyan (37%)
- Magenta (23%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.4273, 51.3916, 59.8026 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 44.4273, 51.3916, 59.8026 by changing the saturation by 10% instead.

■ 44.4273, 51.3916,
59.8026

■ 44.4273, 51.3916,
59.8026

355.2720,
392.0833, 441.6542

■ 31.2059, 36.5204,
42.8353

■ 81.1027, 92.2334,
106.0838

■ 20.9083, 24.8363,
29.4255

■ 105.2875,
118.9727, 136.2348

■ 13.1691, 15.9552,
19.1546

133.8574,
150.4368, 171.6175

■ 7.6229, 9.4924,
11.6041

167.1778,
187.0101, 212.6503

■ 3.9044, 5.0637,
6.3554

205.6142,
229.0770, 259.7518

■ 1.6482, 2.2847,
2.9901

249.5317,

■ 0.4235, 0.7656,

277.0219, 313.3406

1.0896

299.2959,
331.2292, 373.8352

■ 0.0000, 0.0000,
0.0000

■ 44.4273, 51.3916,
59.8026

■ 44.4273, 51.3916,
59.8026

■ 40.7366, 49.4973,
59.3143

■ 48.7452, 53.6119,
60.3235

■ 37.6394, 47.9077,
58.8539

■ 53.7134, 56.1660,
60.8749

■ 35.1055, 46.6084,
58.4210

■ 59.3590, 59.0693,
61.4591

■ 33.1003, 45.5816,
58.0139

■ 65.7064, 62.3344,
62.0773

■ 31.5854, 44.8075,
57.6309

■ 71.4777, 65.3025,
62.6697

■ 30.5171, 44.2636,
57.2699

■ 71.5397, 65.3273,
62.9960

■ 29.8441, 43.9236,
56.9285

■ 71.6018, 65.3522,
63.3234

■ 29.4819, 43.7437,
56.6028

■ 71.6642, 65.3771,
63.6520

■ 29.4447, 43.7253,
56.5635

■ 71.7269, 65.4022,
63.9818

Harmonies

Analogous

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



44.3843, 51.3916, 52.7485



44.4273, 51.3916, 59.8026



45.6278, 51.3916, 66.3241

Triad

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



44.4273, 51.3916, 59.8026



52.3434, 51.3916, 65.9236



49.9974, 51.3916, 43.7772

Complementary

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



44.4273, 51.3916, 59.8026



42.0316, 39.5866, 39.1461

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.



52.2125, 51.3916, 46.7303



44.4273, 51.3916, 59.8026



53.5975, 51.3916, 59.2925

Square

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



44.4273, 51.3916, 59.8026



50.1712, 51.3916, 70.0560



53.5488, 51.3916, 52.2794



47.5447, 51.3916, 43.8887

Rectangle

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



44.4273, 51.3916, 59.8026



46.9467, 51.3916, 69.3183



53.5488, 51.3916, 52.2794



50.7962, 51.3916, 44.4329

Sweetspot

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



44.4288, 51.3937, 59.8038



89.5767, 97.1861, 108.2959



41.0580, 50.0740, 40.7600



19.0513, 20.7392, 23.1660



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.



44.4288, 51.3937, 59.8038



76.4113, 90.4208, 106.6978



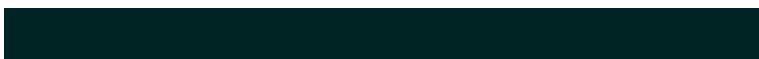
40.8443, 44.0414, 59.1738



10.9338, 12.0624, 13.6017



19.3715, 28.7610, 37.2306



0.9213, 1.3634, 1.7840

Inverse Universe

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



42.0316, 39.5866, 39.1461



71.2450, 64.9723, 62.1751



45.1478, 45.9599, 39.7504



10.6453, 10.6415, 11.1155



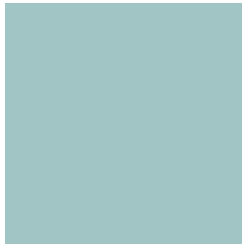
15.1695, 7.8173, 0.8364



0.7224, 0.3718, 0.0615

Previews

White Background



This preview shows how the XYZ color 44.4273, 51.3916, 59.8026 looks on a white background.

Color Contrast Check

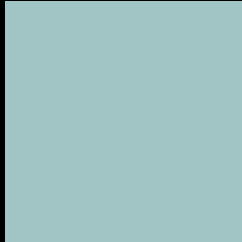
Large Text (above 18pt) WCAG AA × Fail

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 44.4273, 51.3916, 59.8026 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

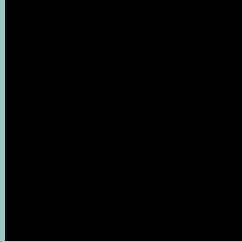
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.4273, 51.3916, 59.8026

Background



This preview shows how black text looks on a background with the XYZ color 44.4273, 51.3916, 59.8026.

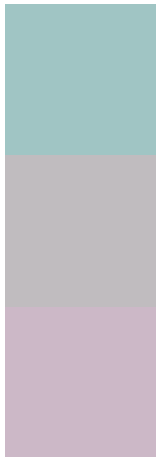


This preview shows how white text looks on a background with the XYZ color 44.4273, 51.3916,

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

44.4273, 51.3916, 59.8026

Protanopia

49.1254, 50.9345, 56.5324

Deuteranopia

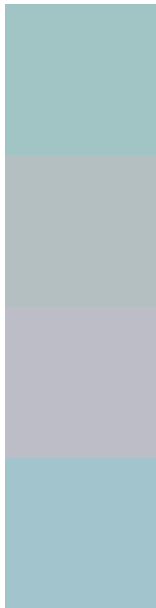
52.3511, 51.2419, 61.1643



Tritanopia

46.2522, 51.4699, 68.4697

Trichromacy



Original Color

44.4273, 51.3916, 59.8026

Protanomaly

47.0788, 50.8152, 57.7791

Deuteranomaly

49.1297, 51.1638, 60.7123

Tritanomaly

45.6597, 51.5690, 65.3049

Monochromacy



Original Color

44.4273, 51.3916, 59.8026

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

45.8392, 49.8917, 55.9293

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.4273, 51.3916, 59.8026 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(160, 197, 196)` looks like.

```
.text, #text, p{  
    color:rgb(160, 197, 196)  
}
```

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(160, 197, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 197, 196) }
```

Border

The CSS property to change the border of an element to XYZ 44.4273, 51.3916, 59.8026 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(160, 197, 196) }
```


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

```
.border{ border-color:rgb(160, 197, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 197, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 197, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 197, 196);  
box-shadow:4px 4px 4px 4px rgb(160, 197,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 44.4273, 51.3916, 59.8026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 197, 196) }
```

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

```
.background{ background-color: rgb(160,  
197, 196) }
```

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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