

Converting Colors

XYZ(44.4187, 50.2168, 57.3639)

Have a look what the booklet for
XYZ(44.4187, 50.2168, 57.3639)
contains.

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Color

**XYZ(44.3103, 50.0527,
57.1949)**

Conversions

Conversions Part 1

Format	Color
Hex	A6C1C0
RGB	166, 193, 192
RGB Percent	65%, 76%, 75%
CMY	0.3490, 0.2431, 0.2471
CMYK	0.14, 0.00, 0.01, 0.24
HSL	178°, 18%, 70%
HSV	178°, 14%, 76%
XYZ	44.3103, 50.0527, 57.1949
YIQ	184.8130, -15.7710, -6.0350

Conversions

Conversions Part 2

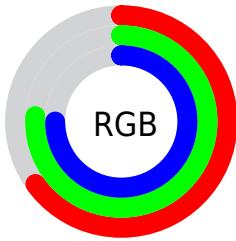
Format	Color
R_YB	166, 180, 193
Decimal	10928576
CIE Lab	76.10, -9.29, -2.58
CIE LCh	76, 9.644, 195.496
Yxy	50.0527, 0.2924, 0.3303
Android (android.graphics.Color)	4289118656 (0xFFA6C1C0)
YUV	184.8130, 3.5432, -16.4990
Hunter-Lab	70.7479, -12.0121, 1.5916

Details

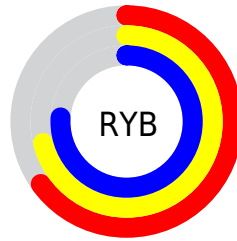
The XYZ color **44.3103, 50.0527, 57.1949** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.6054, 41.4013, 42.3072**, and the grayscale version is **45.9986, 48.3941, 52.7011**.

A 20% lighter version of the original color is **80.6378, 89.9008, 101.9095**, and **20.8322, 23.9067, 27.9426** is the 20% darker color. If you saturate the color by 10%, you get **40.4854, 48.0914, 56.6033**, and if you desaturate by 10%, it is **48.7457, 52.3314, 57.8192**.

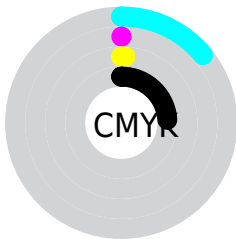
Distribution



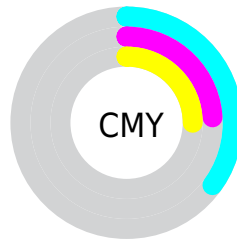
- Red (65%)
- Green (76%)
- Blue (75%)



- Red (65%)
- Yellow (71%)
- Blue (76%)



- Cyan (14%)
- Magenta (0%)
- Yellow (1%)
- Black (24%)



- Cyan (35%)
- Magenta (24%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.3103, 50.0527, 57.1949 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 44.3103, 50.0527, 57.1949 by changing the saturation by 10% instead.

■ 44.3103, 50.0527,
57.1949

■ 44.3103, 50.0527,
57.1949

354.8039,
386.8720, 431.6934

■ 31.1135, 35.4553,
40.7513

■ 80.9279, 90.2530,
102.2527

■ 20.8375, 24.0138,
27.8066

■ 105.0794,
116.6246, 131.7040

■ 13.1171, 15.3438,
17.9422

133.6132,
147.6897, 166.3282

■ 7.5868, 9.0611,
10.7395

166.8947,
183.8328, 206.5441

■ 3.8813, 4.7810,
5.7800

205.2891,
225.4381, 252.7699

■ 1.6352, 2.1194,
2.6451

249.1619,

■ 0.4152, 0.6755,

272.8902, 305.4244

0.9156

298.8784,
326.5733, 364.9261

■ 0.0000, 0.0000,
0.0000

■ 44.3103, 50.0527,
57.1949

■ 44.3103, 50.0527,
57.1949

■ 40.4854, 48.0914,
56.6033

■ 48.7457, 52.3314,
57.8192

■ 37.2396, 46.4272,
56.0398

■ 53.8125, 54.9342,
58.4739

■ 34.5455, 45.0474,
55.5042

■ 59.5360, 57.8754,
59.1615

■ 32.3715, 43.9357,
54.9949

■ 65.9388, 61.1669,
59.8828

■ 30.6829, 43.0742,
54.5103

■ 70.2275, 63.3684,
60.5072

■ 29.4410, 42.4429,
54.0486

■ 70.3091, 63.4010,
60.9368

■ 28.6008, 42.0187,
53.6077

■ 70.3911, 63.4338,
61.3685

■ 28.1083, 41.7736,
53.1851

■ 70.4734, 63.4668,
61.8022

■ 27.9164, 41.6800,
52.9370

■ 70.5562, 63.4999,
62.2379

Harmonies

Analogous

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



44.2955, 50.0527, 52.0498



44.3103, 50.0527, 57.1949



45.1846, 50.0527, 61.8914

Triad

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



44.3103, 50.0527, 57.1949



50.0893, 50.0527, 61.7591



48.4472, 50.0527, 45.4404

Complementary

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



44.3103, 50.0527, 57.1949



42.6054, 41.4013, 42.3072

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.



50.0454, 50.0527, 47.7198



44.3103, 50.0527, 57.1949



51.0096, 50.0527, 57.0236

Square

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



44.3103, 50.0527, 57.1949



48.5059, 50.0527, 64.6378



50.9933, 50.0527, 51.8889



46.6533, 50.0527, 45.4798

Rectangle

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



44.3103, 50.0527, 57.1949



46.1501, 50.0527, 64.0420



50.9933, 50.0527, 51.8889



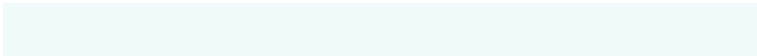
49.0260, 50.0527, 45.9542

Sweetspot

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



44.3117, 50.0548, 57.1960



87.2386, 93.6901, 103.5416



41.9648, 49.1489, 43.3522



18.5779, 20.0290, 22.1945



92.9021, 97.7402, 106.4391



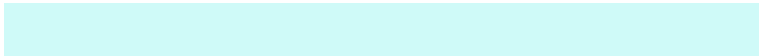
19.4759, 20.4902, 22.3138

Same Dimension

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



44.3117, 50.0548, 57.1960



76.9967, 88.4320, 102.0803



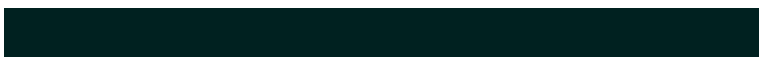
41.8464, 44.9457, 56.9243



10.3519, 11.4218, 12.8562



18.5737, 27.7235, 35.2436



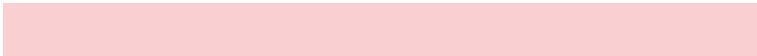
0.8076, 1.1999, 1.5498

Inverse Universe

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



42.6054, 41.4013, 42.3072



73.3105, 69.7367, 69.9148



44.8273, 45.9929, 42.5922



10.0880, 10.0838, 10.5540



14.6602, 7.5538, 0.8567



0.6388, 0.3285, 0.0651

Previews

White Background



This preview shows how the XYZ color 44.3103, 50.0527, 57.1949 looks on a white background.

Color Contrast Check

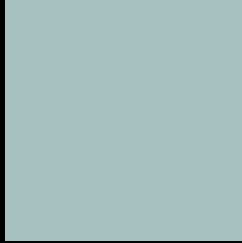
Large Text (above 18pt) WCAG AA × Fail

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 44.3103, 50.0527, 57.1949 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

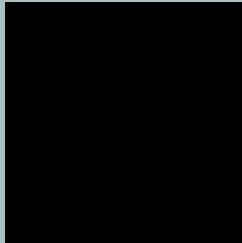
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.3103, 50.0527, 57.1949

Background



This preview shows how black text looks on a background with the XYZ color 44.3103, 50.0527, 57.1949.

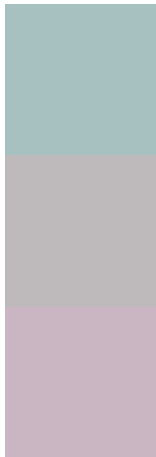


This preview shows how white text looks on a background with the XYZ color 44.3103, 50.0527,

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

44.3103, 50.0527, 57.1949

Protanopia

47.8712, 49.6958, 54.6461

Deuteranopia

50.8227, 49.9075, 57.9934



Tritanopia

46.1336, 50.1529, 65.6415

Trichromacy



Original Color

44.3103, 50.0527, 57.1949

Protanomaly

46.4390, 49.8931, 55.3268

Deuteranomaly

48.1708, 49.7869, 57.5230

Tritanomaly

45.5407, 50.2412, 62.5556

Monochromacy



Original Color

44.3103, 50.0527, 57.1949

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

45.4204, 49.0623, 54.6530

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.3103, 50.0527, 57.1949 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, 193, 192) looks like.

```
.text, #text, p{  
    color:rgb(166, 193, 192)  
}
```

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, 193, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 193, 192) }
```

Border

The CSS property to change the border of an element to XYZ 44.3103, 50.0527, 57.1949 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, 193, 192) }
```


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

```
.border{ border-color:rgb(166, 193, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 193, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 193, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 193, 192);  
box-shadow:4px 4px 4px 4px rgb(166, 193,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 44.3103, 50.0527, 57.1949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 193, 192) }
```

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

```
.background{ background-color: rgb(166,  
193, 192) }
```

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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