

Converting Colors

XYZ(45.5757, 51.3154, 59.3760)

Have a look what the booklet for
XYZ(45.5757, 51.3154, 59.3760)
contains.

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Color

**XYZ(45.5139, 51.2952,
59.1319)**

Conversions

Conversions Part 1

Format	Color
Hex	A8C3C3
RGB	168, 195, 195
RGB Percent	66%, 76%, 76%
CMY	0.3412, 0.2353, 0.2353
CMYK	0.14, 0.00, 0.00, 0.24
HSL	180°, 18%, 71%
HSV	180°, 14%, 76%
XYZ	45.5139, 51.2952, 59.1319
YIQ	186.9270, -16.0920, -5.7240

Conversions

Conversions Part 2

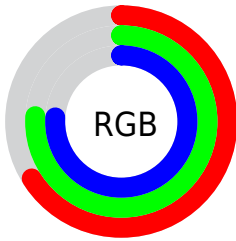
Format	Color
R_{YB}	168, 182, 195
Decimal	11060163
CIE _{Lab}	76.86, -9.07, -3.07
CIE _{LCh}	77, 9.579, 198.723
Yxy	51.2952, 0.2919, 0.3289
Android (android.graphics.Color)	4289250243 (0xFFA8C3C3)
YUV	186.9270, 3.9800, -16.5990
Hunter-Lab	71.6207, -11.9020, 1.1831

Details

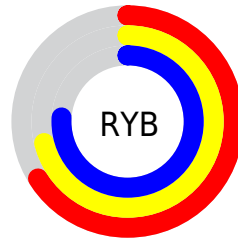
The XYZ color **45.5139, 51.2952, 59.1319** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.5781, 42.4359, 42.9422**, and the grayscale version is **47.1789, 49.6359, 54.0535**.

A 20% lighter version of the original color is **82.8125, 92.3371, 105.5536**, and **21.5351, 24.6858, 28.8291** is the 20% darker color. If you saturate the color by 10%, you get **41.6700, 49.3150, 58.9519**, and if you desaturate by 10%, it is **49.9834, 53.6006, 59.3434**.

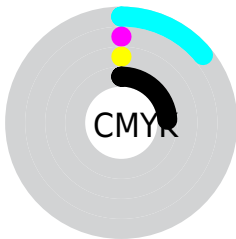
Distribution



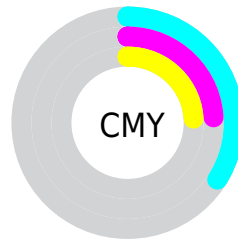
- Red (66%)
- Green (76%)
- Blue (76%)



- Red (66%)
- Yellow (71%)
- Blue (76%)



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



- Cyan (34%)
- Magenta (24%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.5139, 51.2952, 59.1319 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 45.5139, 51.2952, 59.1319 by changing the saturation by 10% instead.

■ 45.5139, 51.2952,
59.1319

■ 45.5139, 51.2952,
59.1319

359.5997,
391.7096, 439.1060

■ 32.0654, 36.4436,
42.2986

■ 82.7234, 92.0910,
105.1003

■ 21.5672, 24.7770,
29.0079

■ 107.2150,
118.8039, 135.0726

■ 13.6541, 15.9110,
18.8411

136.1185,
150.2395, 170.2615

■ 7.9606, 9.4612,
11.3799

169.7991,
186.7820, 211.0857

■ 4.1213, 5.0432,
6.2056

208.6221,
228.8159, 257.9638

■ 1.7710, 2.2726,
2.8997

252.9530,

■ 0.5001, 0.7592,

276.7255, 311.3141

1.0436

303.1571,
330.8953, 371.5554

■ 0.0000, 0.0000,
0.0000

■ 45.5139, 51.2952,
59.1319

■ 45.5139, 51.2952,
59.1319

■ 41.6700, 49.3150,
58.9519

■ 49.9834, 53.6006,
59.3434

■ 38.4195, 47.6393,
58.7986

■ 55.0999, 56.2383,
59.5840

■ 35.7343, 46.2551,
58.6717

■ 60.8893, 59.2228,
59.8561

■ 33.5821, 45.1456,
58.5698

■ 67.3747, 62.5661,
60.1609

■ 31.9274, 44.2926,
58.4911

■ 70.6077, 64.2328,
60.3134

■ 30.7304, 43.6755,
58.4339

■ 70.6079, 64.2329,
60.3146

■ 29.9451, 43.2708,
58.3959

■ 70.6082, 64.2329,
60.3158

■ 29.5163, 43.0497,
58.3747

■ 70.6084, 64.2330,
60.3170

■ 29.3645, 42.9715,
58.3668

■ 70.6086, 64.2331,
60.3182

Harmonies

Analogous

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



45.4016, 51.2952, 53.9142



45.5139, 51.2952, 59.1319



46.4816, 51.2952, 63.7297

Triad

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



45.5139, 51.2952, 59.1319



51.4328, 51.2952, 62.7298



49.4423, 51.2952, 46.5858

Complementary

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



45.5139, 51.2952, 59.1319



43.5781, 42.4359, 42.9422

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.



51.1005, 51.2952, 48.6513



45.5139, 51.2952, 59.1319



52.2686, 51.2952, 57.8352

Square

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



45.5139, 51.2952, 59.1319



49.8868, 51.2952, 65.8945



52.1455, 51.2952, 52.6952



47.6395, 51.2952, 46.8850

Rectangle

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



45.5139, 51.2952, 59.1319



47.4953, 51.2952, 65.7240



52.1455, 51.2952, 52.6952



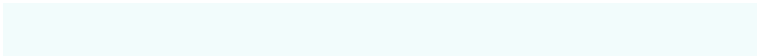
50.0359, 51.2952, 47.0212

Sweetspot

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



45.5154, 51.2973, 59.1330



89.3327, 95.9002, 106.2712



42.8289, 50.2338, 44.4855



19.4202, 20.9276, 23.2656



0.0000, 0.0000, 0.0000



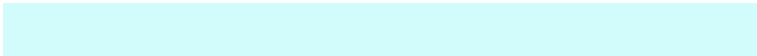
20.3446, 21.4041, 23.3091

Same Dimension

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



45.5154, 51.2973, 59.1330



79.0390, 90.5936, 105.7866



42.7180, 45.7020, 58.2022



10.3685, 11.4285, 12.9440



19.0845, 27.9279, 37.9336



0.8246, 1.2067, 1.6391

Inverse Universe

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



43.5781, 42.4359, 42.9422



74.8150, 71.2729, 70.4853



46.1095, 47.4992, 43.7847



10.0733, 10.0779, 10.4764



14.6276, 7.5408, 0.6850



0.6320, 0.3258, 0.0297

Previews

White Background



This preview shows how the XYZ color 45.5139, 51.2952, 59.1319 looks on a white background.

Color Contrast Check

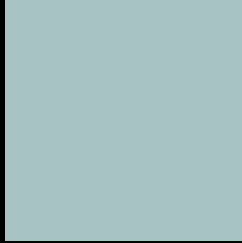
Large Text (above 18pt) WCAG AA × Fail

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 45.5139, 51.2952, 59.1319 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

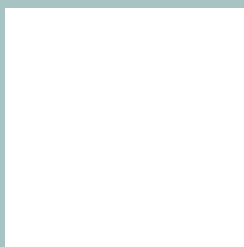
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 45.5139, 51.2952, 59.1319

Background



This preview shows how black text looks on a background with the XYZ color 45.5139, 51.2952, 59.1319.

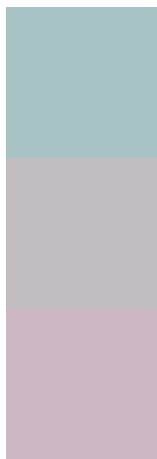


This preview shows how white text looks on a background with the XYZ color 45.5139, 51.2952,

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

45.5139, 51.2952, 59.1319

Protanopia

49.1254, 50.9345, 56.5324

Deuteranopia

52.1204, 51.1496, 59.9491



Tritanopia

47.0327, 51.2400, 67.0859

Trichromacy



Original Color

45.5139, 51.2952, 59.1319

Protanomaly

47.6737, 51.1347, 57.2265

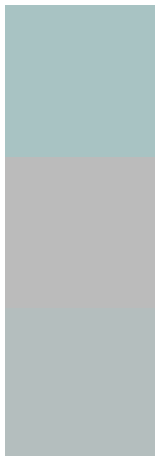
Deuteranomaly

49.4329, 51.0283, 59.4686

Tritanomaly

46.4335, 51.3304, 63.9604

Monochromacy



Original Color

45.5139, 51.2952, 59.1319

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

46.5301, 50.2479, 55.9616

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.5139, 51.2952, 59.1319 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(168, 195, 195)` looks like.

```
.text, #text, p{  
    color:rgb(168, 195, 195)  
}
```

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(168, 195, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 195, 195) }
```

Border

The CSS property to change the border of an element to XYZ 45.5139, 51.2952, 59.1319 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(168, 195, 195) }
```


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

```
.border{ border-color:rgb(168, 195, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 195, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 195, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 195, 195);  
box-shadow:4px 4px 4px 4px rgb(168, 195,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 45.5139, 51.2952, 59.1319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 195, 195) }
```

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

```
.background{ background-color: rgb(168,  
195, 195) }
```

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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