

Converting Colors

XYZ(46.7035, 56.5939, 68.7838)

Have a look what the booklet for
XYZ(46.7035, 56.5939, 68.7838)
contains.

XYZ(46.7035, 56.5939, 68.7838)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(46.7035, 56.5939,
68.7838)**

Conversions

Conversions Part 1

Format	Color
Hex	95D1D1
RGB	149, 209, 209
RGB Percent	58%, 82%, 82%
CMY	0.4157, 0.1804, 0.1804
CMYK	0.29, 0.00, 0.00, 0.18
HSL	180°, 39%, 70%
HSV	180°, 29%, 82%
XYZ	46.7035, 56.5939, 68.7838
YIQ	191.0600, -35.7600, -12.7200

Conversions

Conversions Part 2

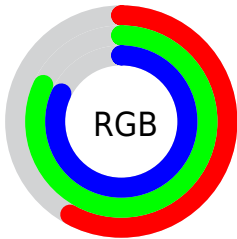
Format	Color
RYB	149, 179, 209
Decimal	9818577
CIELab	79.95, -19.03, -6.18
CIELCh	80, 20.003, 197.985
Yxy	56.5939, 0.2714, 0.3289
Android (android.graphics.Color)	4288008657 (0xFF95D1D1)
YUV	191.0600, 8.8444, -36.8866
Hunter-Lab	75.2289, -20.8345, -1.5502

Details

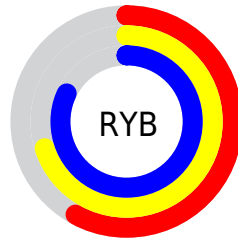
The XYZ color **46.7035, 56.5939, 68.7838** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.4687, 37.2217, 33.3821**, and the grayscale version is **49.5225, 52.1016, 56.7386**.

A 20% lighter version of the original color is **78.9868, 91.7191, 108.1483**, and **22.2959, 27.9646, 35.2329** is the 20% darker color. If you saturate the color by 10%, you get **43.2276, 54.8035, 68.6218**, and if you desaturate by 10%, it is **50.8670, 58.7417, 68.9804**.

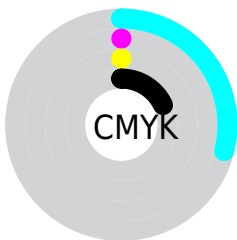
Distribution



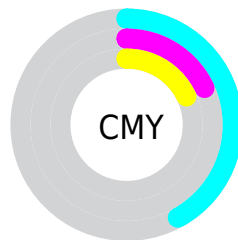
- Red (58%)
- Green (82%)
- Blue (82%)



- Red (58%)
- Yellow (70%)
- Blue (82%)



- Cyan (29%)
- Magenta (0%)
- Yellow (0%)
- Black (18%)





- Cyan (42%)
- Magenta (18%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.7035, 56.5939, 68.7838 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 46.7035, 56.5939, 68.7838 by changing the saturation by 10% instead.


 46.7035, 56.5939,
68.7838


 46.7035, 56.5939,
68.7838


364.2985,
411.9258, 474.9413

 33.0083, 40.6793,
50.0650


 84.4923, 99.8724,
119.1375

 22.2921, 28.0686,
35.0935


 109.3166,
128.0051, 151.6095

 14.1895, 18.3774,
23.4508


138.5813,
160.9792, 189.5030

 8.3351, 11.2212,
14.7183

172.6518,
199.1792, 233.2365

 4.3637, 6.2159,
8.4775

211.8934,
242.9895, 283.2285

 1.9099, 2.9768,
4.3099

256.6715,

 0.5826, 1.1196,

292.7944, 339.8976

1.7968

307.3514,
348.9784, 403.6624

■ 0.0000, 0.0000,
0.4259

■ 0.0000, 0.0000,
0.0000

■ 46.7035, 56.5939,
68.7838

■ 46.7035, 56.5939,
68.7838

■ 43.2276, 54.8035,
68.6218

■ 50.8670, 58.7417,
68.9804

■ 40.3977, 53.3446,
68.4888

■ 55.7469, 61.2573,
69.2093

■ 38.1755, 52.1990,
68.3843

■ 61.3766, 64.1596,
69.4733

■ 36.5164, 51.3437,
68.3061

■ 67.7859, 67.4636,
69.7738

35.3701, 50.7528,
68.2519

75.0028, 71.1841,
70.1121

34.6769, 50.3954,
68.2190

75.5508, 71.4666,
70.1383

34.3433, 50.2235,
68.2028

75.5509, 71.4666,
70.1388

34.3095, 50.2061,
68.2012

75.5510, 71.4667,
70.1394

75.5511, 71.4667,
70.1399

Harmonies

Analogous

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



46.5123, 56.5939, 57.0841



46.7035, 56.5939, 68.7838



48.7340, 56.5939, 79.7652

Triad

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



46.7035, 56.5939, 68.7838



59.8005, 56.5939, 77.8259



55.4320, 56.5939, 42.2418

Complementary

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



46.7035, 56.5939, 68.7838



42.4687, 37.2217, 33.3821

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.



59.1858, 56.5939, 46.4610



46.7035, 56.5939, 68.7838



61.7916, 56.5939, 66.3924

Square

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



46.7035, 56.5939, 68.7838



56.2369, 56.5939, 85.4205



61.5611, 56.5939, 54.9738



51.4167, 56.5939, 42.7120

Rectangle

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



46.7035, 56.5939, 68.7838



50.9178, 56.5939, 84.7539



61.5611, 56.5939, 54.9738



56.7699, 56.5939, 43.1344

Sweetspot

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



46.7052, 56.5962, 68.7851



87.1048, 95.9041, 108.5274



40.8046, 54.2571, 36.7570



18.3888, 20.3959, 23.2174



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.



46.7052, 56.5962, 68.7851



70.0218, 87.0976, 107.7258



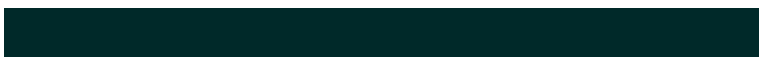
40.2260, 43.6373, 66.6268



12.1584, 13.4071, 15.1906



21.1533, 30.9543, 42.0491



1.1828, 1.7308, 2.3512

Inverse Universe

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



42.4687, 37.2217, 33.3821



62.3943, 52.2146, 43.9841



47.6417, 47.5680, 35.1055



11.8088, 11.8083, 12.2690



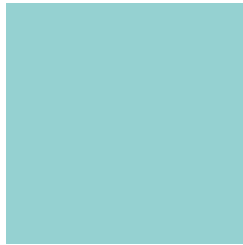
16.2124, 8.3578, 0.7589



0.9065, 0.4673, 0.0425

Previews

White Background



This preview shows how the XYZ color 46.7035, 56.5939, 68.7838 looks on a white background.

Color Contrast Check

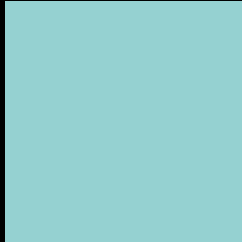
Large Text (above 18pt) WCAG AA × Fail

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 46.7035, 56.5939, 68.7838 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

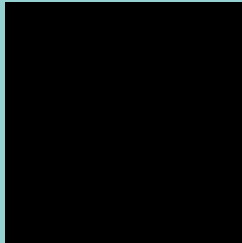
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.7035, 56.5939, 68.7838

Background



This preview shows how black text looks on a background with the XYZ color 46.7035, 56.5939, 68.7838.

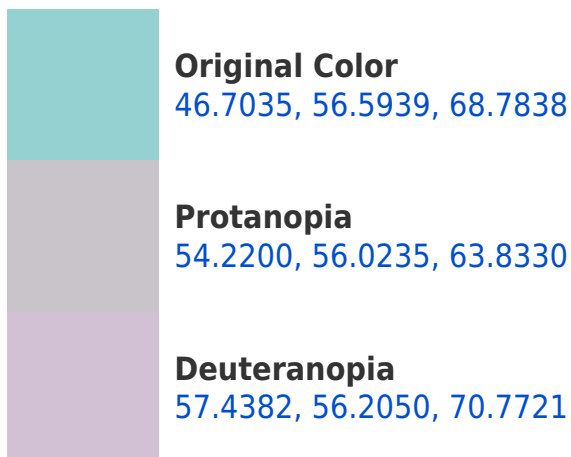


This preview shows how white text looks on a background with the XYZ color 46.7035, 56.5939,

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





Tritanopia

48.5810, 56.6288, 78.1820

Trichromacy



Original Color

46.7035, 56.5939, 68.7838

Protanomaly

50.9621, 56.0048, 65.8816

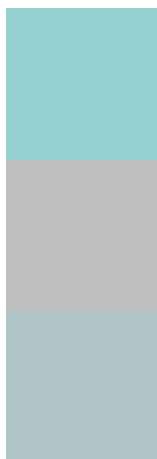
Deuteranomaly

52.8168, 55.8330, 70.2805

Tritanomaly

47.9733, 56.7530, 74.7556

Monochromacy



Original Color

46.7035, 56.5939, 68.7838

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

48.2916, 53.6955, 61.2451

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.7035, 56.5939, 68.7838 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, 209, 209)` looks like.

```
.text, #text, p{  
    color:rgb(149, 209, 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, 209, 209) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 46.7035, 56.5939, 68.7838 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, 209, 209) }
```


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

```
.border{ border-color:rgb(149, 209, 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, 209, 209) colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 46.7035, 56.5939, 68.7838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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