

Converting Colors

XYZ(35.9465, 45.9811, 57.9019)

Have a look what the booklet for
XYZ(35.9465, 45.9811, 57.9019)
contains.

XYZ(35.9688, 46.0560, 58.0329)	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(35.9688, 46.0560,
58.0329)**

Conversions

Conversions Part 1

Format	Color
Hex	72C2C2
RGB	114, 194, 194
RGB Percent	45%, 76%, 76%
CMY	0.5529, 0.2392, 0.2392
CMYK	0.41, 0.00, 0.00, 0.24
HSL	180°, 40%, 60%
HSV	180°, 41%, 76%
XYZ	35.9688, 46.0560, 58.0329
YIQ	170.0800, -47.6800, -16.9600

Conversions

Conversions Part 2

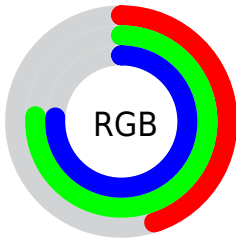
Format	Color
RYB	114, 154, 194
Decimal	7520962
CIELab	73.58, -24.47, -7.71
CIELCh	74, 25.654, 197.478
Yxy	46.0560, 0.2568, 0.3288
Android (android.graphics.Color)	4285711042 (0xFF72C2C2)
YUV	170.0800, 11.7926, -49.1822
Hunter-Lab	67.8646, -24.1565, -3.1953

Details

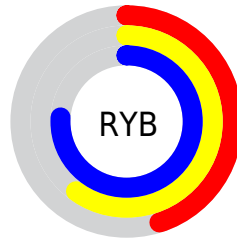
The XYZ color **35.9688, 46.0560, 58.0329** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **31.3043, 24.7202, 19.0427**, and the grayscale version is **38.2096, 40.1994, 43.7772**.

A 20% lighter version of the original color is **68.3301, 84.4425, 103.1401**, and **15.8566, 21.5492, 28.1346** is the 20% darker color. If you saturate the color by 10%, you get **33.7084, 44.8918, 57.9278**, and if you desaturate by 10%, it is **38.7671, 47.4997, 58.1651**.

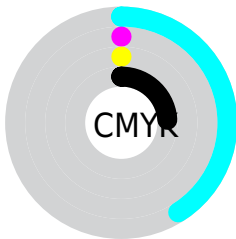
Distribution



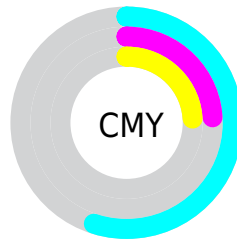
- Red (45%)
- Green (76%)
- Blue (76%)



- Red (45%)
- Yellow (60%)
- Blue (76%)



- Cyan (41%)
- Magenta (0%)
- Yellow (0%)
- Black (24%)





- Cyan (55%)
- Magenta (24%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.9688, 46.0560, 58.0329 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 35.9688, 46.0560, 58.0329 by changing the saturation by 10% instead.


 35.9688, 46.0560,
58.0329


 35.9688, 46.0560,
58.0329


320.2578,
371.0337, 434.9102


 24.5801, 32.2900,
41.4202


 68.3081, 84.3028,
103.4860

 15.8916, 21.5831,
28.3254

 89.9894, 109.5524,
133.1635

 9.5378, 13.5509,
18.3299


 115.8323,
139.3987, 168.0331

 5.1535, 7.8090,
11.0152

146.2021,
174.2260, 208.5132

 2.3733, 3.9730,
5.9628

181.4642,
214.4188, 255.0224

 0.8318, 1.6584,
2.7540

221.9839,

 0.0000, 0.3965,

260.3614, 307.9793

0.9705

268.1267,
312.4382, 367.8024

■ 0.0000, 0.0000,
0.0000

■ 35.9688, 46.0560,
58.0329

■ 35.9688, 46.0560,
58.0329

■ 33.7084, 44.8918,
57.9278

■ 38.7671, 47.4997,
58.1651

■ 31.9477, 43.9842,
57.8452

■ 42.1303, 49.2335,
58.3228

■ 30.6500, 43.3152,
57.7842


■ 46.0886, 51.2740,
58.5083


■ 29.7717, 42.8624,
57.7428


■ 50.6688, 53.6352,
58.7230


■ 29.2612, 42.5993,
57.7186


■ 55.8960, 56.3299,
58.9679

 29.0300, 42.4800,
57.7075

 61.7940, 59.3704,
59.2442

 68.3854, 62.7684,
59.5529

 70.2707, 63.7403,
59.6415

 70.2708, 63.7404,
59.6417

Harmonies

Analogous

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



35.7977, 46.0560, 44.9223



35.9688, 46.0560, 58.0329



38.1386, 46.0560, 70.9106

Triad

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



35.9688, 46.0560, 58.0329



50.5255, 46.0560, 69.0027



45.6939, 46.0560, 29.4950

Complementary

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



35.9688, 46.0560, 58.0329



31.3043, 24.7202, 19.0427

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.



49.9407, 46.0560, 33.8929



35.9688, 46.0560, 58.0329



52.8568, 46.0560, 55.7622

Square

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



35.9688, 46.0560, 58.0329



46.4481, 46.0560, 77.9571



52.6357, 46.0560, 43.0102



41.2062, 46.0560, 29.8894

Rectangle

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



35.9688, 46.0560, 58.0329



40.5172, 46.0560, 76.9523



52.6357, 46.0560, 43.0102



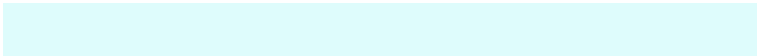
47.2026, 46.0560, 30.4251

Sweetspot

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



35.9702, 46.0578, 58.0340



82.7659, 92.5148, 105.9641



29.4446, 43.4678, 22.7588



17.9045, 20.1462, 23.1947



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.



35.9702, 46.0578, 58.0340



61.6088, 81.6080, 104.9720



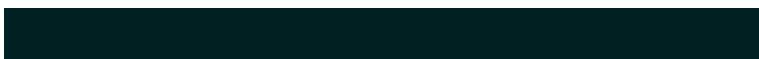
28.4553, 31.0277, 55.5301



10.3686, 11.4285, 12.9442



19.0856, 27.9283, 37.9396



0.8246, 1.2067, 1.6393

Inverse Universe

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



31.3043, 24.7202, 19.0427



52.0714, 37.9926, 25.2716



36.6237, 35.3594, 20.8154



10.0732, 10.0779, 10.4762



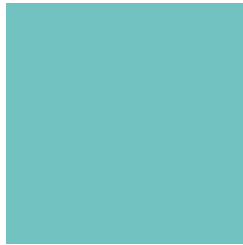
14.6275, 7.5408, 0.6847



0.6320, 0.3258, 0.0296

Previews

White Background



This preview shows how the XYZ color 35.9688, 46.0560, 58.0329 looks on a white background.

Color Contrast Check

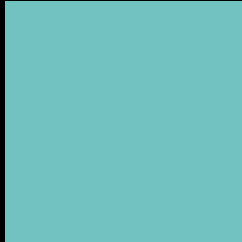
Large Text (above 18pt) WCAG AA × Fail

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 35.9688, 46.0560, 58.0329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

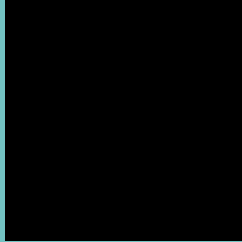
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.9688, 46.0560, 58.0329

Background



This preview shows how black text looks on a background with the XYZ color 35.9688, 46.0560, 58.0329.

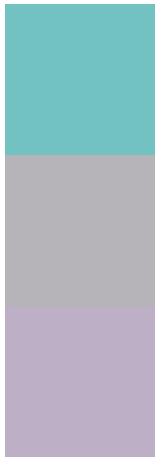


This preview shows how white text looks on a background with the XYZ color 35.9688, 46.0560,

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

35.9688, 46.0560, 58.0329

Protanopia

44.1685, 45.6881, 52.3897

Deuteranopia

46.5093, 45.5560, 59.7680



Tritanopia

37.5833, 46.0558, 65.9403

Trichromacy



Original Color

35.9688, 46.0560, 58.0329

Protanomaly

40.1222, 45.0799, 54.1636

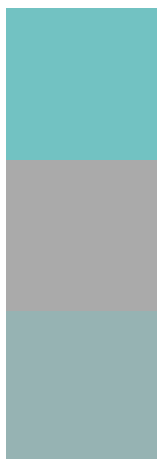
Deuteranomaly

41.7063, 45.1685, 59.3436

Tritanomaly

37.0668, 46.1861, 62.8383

Monochromacy



Original Color

35.9688, 46.0560, 58.0329

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

36.8345, 41.9789, 48.8092

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9688, 46.0560, 58.0329 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(114, 194, 194)` looks like.

```
.text, #text, p{  
    color:rgb(114, 194, 194)  
}
```

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(114, 194, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 194, 194) }
```

Border

The CSS property to change the border of an element to XYZ 35.9688, 46.0560, 58.0329 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(114, 194, 194) }
```


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

```
.border{ border-color:rgb(114, 194, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 194, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 194, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 194, 194);  
box-shadow:4px 4px 4px 4px rgb(114, 194,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9688, 46.0560, 58.0329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 194, 194) }
```

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

```
.background{ background-color: rgb(114,  
194, 194) }
```

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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