

Converting Colors

XYZ(47.5058, 57.3743, 68.8931)

Have a look what the booklet for
XYZ(47.5058, 57.3743, 68.8931)
contains.

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Color

**XYZ(47.5041, 57.3720,
68.8918)**

Conversions

Conversions Part 1

Format	Color
Hex	98D2D1
RGB	152, 210, 209
RGB Percent	60%, 82%, 82%
CMY	0.4039, 0.1765, 0.1804
CMYK	0.28, 0.00, 0.00, 0.18
HSL	179°, 39%, 71%
HSV	179°, 28%, 82%
XYZ	47.5041, 57.3720, 68.8918
YIQ	192.5440, -34.2470, -12.6070

Conversions

Conversions Part 2

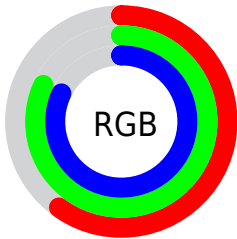
Format	Color
RYB	152, 181, 210
Decimal	10015441
CIELab	80.39, -18.67, -5.51
CIELCh	80, 19.467, 196.446
Yxy	57.3720, 0.2734, 0.3302
Android (android.graphics.Color)	4288205521 (0xFF98D2D1)
YUV	192.5440, 8.1128, -35.5571
Hunter-Lab	75.7443, -20.6038, -0.9051

Details

The XYZ color **47.5041, 57.3720, 68.8918** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.5583, 38.4596, 35.2669**, and the grayscale version is **50.3907, 53.0149, 57.7333**.

A 20% lighter version of the original color is **79.8224, 92.1499, 108.1874**, and **22.7833, 28.4619, 35.3032** is the 20% darker color. If you saturate the color by 10%, you get **43.8719, 55.5062, 68.4887**, and if you desaturate by 10%, it is **51.8356, 59.6012, 69.3306**.

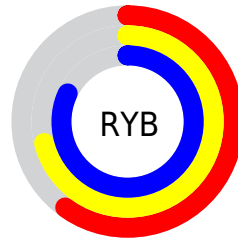
Distribution



Red (60%)

Green (82%)

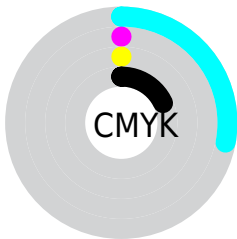
Blue (82%)



Red (60%)

Yellow (71%)

Blue (82%)

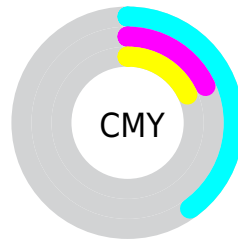


Cyan (28%)

Magenta (0%)

Yellow (0%)

Black (18%)



Cyan (40%)


Magenta (18%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.5041, 57.3720, 68.8918 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 47.5041, 57.3720, 68.8918 by changing the saturation by 10% instead.

 47.5041, 57.3720,
68.8918


 47.5041, 57.3720,
68.8918


367.4385,
414.8418, 475.3329

 33.6440, 41.3040,
50.1524


 85.6798, 101.0078,
119.2933

 22.7818, 28.5567,
35.1625


 110.7260,
129.3443, 151.7924

 14.5523, 18.7457,
23.5035


140.2317,
162.5392, 189.7152

 8.5900, 11.4867,
14.7569

174.5621,
200.9767, 233.4802

 4.5297, 6.3952,
8.5043

214.0826,
245.0414, 283.5059

 2.0060, 3.0868,
4.3269

259.1586,

 0.6373, 1.1772,

295.1175, 340.2109

1.8063

310.1555,
351.5895, 404.0137

■ 0.0000, 0.0430,
0.4321

■ 0.0000, 0.0000,
0.0000

■ 47.5041, 57.3720,
68.8918

■ 47.5041, 57.3720,
68.8918

■ 43.8719, 55.5062,
68.4887

■ 51.8356, 59.6012,
69.3306

■ 40.8973, 53.9779,
68.1157

■ 56.8955, 62.2045,
69.8028

■ 38.5420, 52.7688,
67.7722

■ 62.7172, 65.2004,
70.3112

■ 36.7614, 51.8560,
67.4562

■ 69.3305, 68.6045,
70.8572

■ 35.5052, 51.2136,
67.1652

■ 76.0224, 72.0491,
71.4073

■ 34.7145, 50.8111,
66.8965

■ 76.0679, 72.0673,
71.6470

■ 34.3068, 50.6061,
66.6463

■ 76.1135, 72.0855,
71.8872

■ 34.2337, 50.5696,
66.5879

■ 76.1593, 72.1038,
72.1280

■ 76.2051, 72.1221,
72.3693

Harmonies

Analogous

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



47.4128, 57.3720, 57.4633



47.5041, 57.3720, 68.8918



49.4174, 57.3720, 79.7670

Triad

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



47.5041, 57.3720, 68.8918



60.2764, 57.3720, 78.8485



56.3466, 57.3720, 43.4650

Complementary

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



47.5041, 57.3720, 68.8918



43.5583, 38.4596, 35.2669

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.



59.9844, 57.3720, 47.8710



47.5041, 57.3720, 68.8918



62.3268, 57.3720, 67.7559

Square

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



47.5041, 57.3720, 68.8918



56.7294, 57.3720, 85.9771



62.2174, 57.3720, 56.4571



52.3889, 57.3720, 43.6905

Rectangle

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



47.5041, 57.3720, 68.8918



51.5242, 57.3720, 84.8304



62.2174, 57.3720, 56.4571



57.6513, 57.3720, 44.4281

Sweetspot

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



47.5058, 57.3743, 68.8931



87.8823, 96.3115, 108.2685



42.0295, 55.2260, 38.1514



18.5405, 20.4757, 23.1494



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.



47.5058, 57.3743, 68.8931



70.3386, 87.2878, 106.5259



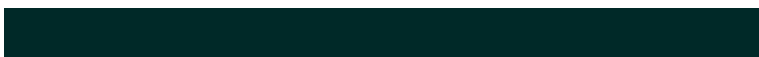
41.5032, 45.1699, 67.5065



12.1492, 13.4034, 15.1421



20.8853, 30.8471, 40.6376



1.1707, 1.7259, 2.2874

Inverse Universe

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



43.5583, 38.4596, 35.2669



63.2503, 53.3194, 46.1412



48.3813, 48.2375, 36.4677



11.8169, 11.8115, 12.3117



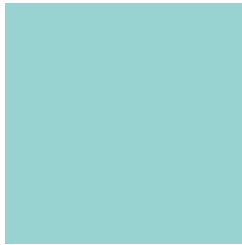
16.2283, 8.3642, 0.8426



0.9104, 0.4689, 0.0628

Previews

White Background



This preview shows how the XYZ color 47.5041, 57.3720, 68.8918 looks on a white background.

Color Contrast Check

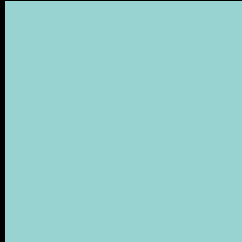
Large Text (above 18pt) WCAG AA × Fail

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 47.5041, 57.3720, 68.8918 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 47.5041, 57.3720, 68.8918

Background



This preview shows how black text looks on a background with the XYZ color 47.5041, 57.3720, 68.8918.

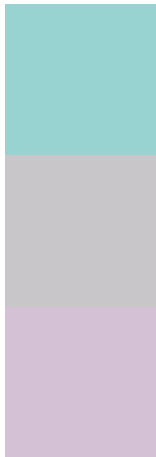


This preview shows how white text looks on a background with the XYZ color 47.5041, 57.3720,

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

47.5041, 57.3720, 68.8918

Protanopia

54.9421, 57.0699, 63.9970

Deuteranopia

58.2316, 56.9411, 70.8724



Tritanopia

49.5280, 57.4621, 79.0019

Trichromacy



Original Color

47.5041, 57.3720, 68.8918

Protanomaly

51.6684, 56.7161, 65.9817

Deuteranomaly

53.5423, 56.5475, 70.3801

Tritanomaly

48.9131, 57.5854, 75.5549

Monochromacy



Original Color

47.5041, 57.3720, 68.8918

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

49.0923, 54.4353, 61.9525

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.5041, 57.3720, 68.8918 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(152, 210, 209)` looks like.

```
.text, #text, p{  
    color:rgb(152, 210, 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(152, 210, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 210, 209) }
```

Border

The CSS property to change the border of an element to XYZ 47.5041, 57.3720, 68.8918 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(152, 210, 209) }
```


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

```
.border{ border-color:rgb(152, 210, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 210, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 210, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 210, 209);  
box-shadow:4px 4px 4px 4px rgb(152, 210,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 47.5041, 57.3720, 68.8918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 210, 209) }
```

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

```
.background{ background-color: rgb(152,  
210, 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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