

Converting Colors

XYZ(42.0003, 52.6129, 57.5448)

Have a look what the booklet for
XYZ(42.0003, 52.6129, 57.5448)
contains.

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Color

**XYZ(42.0918, 52.6542,
57.8140)**

Conversions

Conversions Part 1

Format	Color
Hex	8DCCC0
RGB	141, 204, 192
RGB Percent	55%, 80%, 75%
CMY	0.4470, 0.2000, 0.2471
CMYK	0.31, 0.00, 0.06, 0.20
HSL	169°, 38%, 68%
HSV	169°, 31%, 80%
XYZ	42.0918, 52.6542, 57.8140
YIQ	183.7950, -33.6960, -17.0880

Conversions

Conversions Part 2

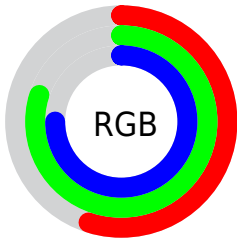
Format	Color
RYB	141, 176, 204
Decimal	9292992
CIELab	77.67, -22.64, -0.45
CIELCh	78, 22.641, 181.143
Yxy	52.6542, 0.2759, 0.3451
Android (android.graphics.Color)	4287483072 (0xFF8DCCC0)
YUV	183.7950, 4.0451, -37.5312
Hunter-Lab	72.5632, -23.4430, 3.5555

Details

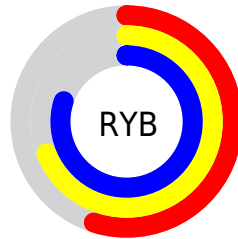
The XYZ color **42.0918, 52.6542, 57.8140** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.1783, 34.1885, 34.6205**, and the grayscale version is **45.4398, 47.8062, 52.0609**.

A 20% lighter version of the original color is **75.4682, 90.0331, 102.2075**, and **19.5910, 25.7515, 28.3641** is the 20% darker color. If you saturate the color by 10%, you get **38.5128, 50.8596, 55.4291**, and if you desaturate by 10%, it is **46.3241, 54.7870, 60.2911**.

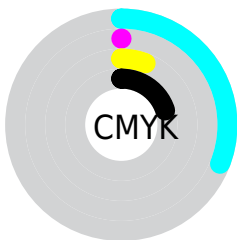
Distribution



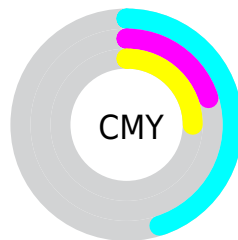
- Red (55%)
- Green (80%)
- Blue (75%)



- Red (55%)
- Yellow (69%)
- Blue (80%)



- Cyan (31%)
- Magenta (0%)
- Yellow (6%)
- Black (20%)





- Cyan (45%)
- Magenta (20%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.0918, 52.6542, 57.8140 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 42.0918, 52.6542, 57.8140 by changing the saturation by 10% instead.


 42.0918, 52.6542,
57.8140


 42.0918, 52.6542,
57.8140


345.8485,
396.9570, 434.0714

 29.3646, 37.5268,
41.2454


 77.6028, 94.0953,
103.1641

 19.5025, 25.6156,
28.1898


 101.1174,
121.1778, 132.7826

 12.1401, 16.5363,
18.2285


128.9584,
153.0142, 167.5882

 6.9120, 9.9044,
10.9430

161.4913,
189.9887, 207.9995

 3.4530, 5.3356,
5.9148

199.0814,
232.4859, 254.4349

 1.3976, 2.4455,
2.7254

242.0941,

 0.2545, 0.8492,

280.8901, 307.3130

0.9562

290.8946,
335.5856, 367.0523

■ 0.0000, 0.0000,
0.0000

■ 42.0918, 52.6542,
57.8140

■ 42.0918, 52.6542,
57.8140

■ 38.5128, 50.8596,
55.4291

■ 46.3241, 54.7870,
60.2911

■ 35.5474, 49.3787,
53.1307

■ 51.2377, 57.2683,
62.8588

■ 33.1584, 48.1936,
50.9177


■ 56.8645, 60.1159,
65.5202


■ 31.3029, 47.2823,
48.7877


■ 63.2329, 63.3445,
68.2769

■ 29.9317, 46.6194,
46.7379

■ 70.3698, 66.9680,
71.1307


 28.9863, 46.1747,
44.7651

 75.1407, 69.3703,
73.9354

 28.3980, 45.9092,
43.0285

 75.6472, 69.5729,
76.6025

 76.1656, 69.7803,
79.3325

 76.6961, 69.9925,
82.1259

Harmonies

Analogous

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



43.0286, 52.6542, 46.4642



42.0918, 52.6542, 57.8140



43.1807, 52.6542, 70.7278

Triad

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



42.0918, 52.6542, 57.8140



54.5280, 52.6542, 80.5435



54.2205, 52.6542, 38.7002

Complementary

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



42.0918, 52.6542, 57.8140



40.1783, 34.1885, 34.6205

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.



57.6034, 52.6542, 45.7434



42.0918, 52.6542, 57.8140



57.7881, 52.6542, 69.7735

Square

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



42.0918, 52.6542, 57.8140



50.2144, 52.6542, 84.9755



58.9445, 52.6542, 56.8516



49.8784, 52.6542, 36.4453

Rectangle

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



42.0918, 52.6542, 57.8140



44.9479, 52.6542, 78.2324



58.9445, 52.6542, 56.8516



55.5162, 52.6542, 40.5302

Sweetspot

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



42.0933, 52.6563, 57.8152



86.4089, 95.6258, 104.8629



39.6526, 51.9418, 33.1361



18.2161, 20.3268, 22.3079



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.



42.0933, 52.6563, 57.8152



65.6773, 85.1767, 93.1195



39.2551, 44.7640, 63.7005



11.4481, 12.6890, 13.9169



17.9060, 28.9077, 27.2536



0.9480, 1.5010, 1.5335

Inverse Universe

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



40.1783, 34.1885, 34.6205



62.0225, 49.8671, 48.8053



42.2648, 39.8690, 30.6682



11.2982, 11.2480, 12.1050



15.9285, 8.1820, 2.0763



0.8485, 0.4328, 0.2481

Previews

White Background



This preview shows how the XYZ color 42.0918, 52.6542, 57.8140 looks on a white background.

Color Contrast Check

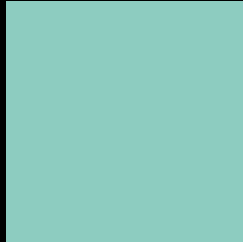
Large Text (above 18pt) WCAG AA × Fail

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 42.0918, 52.6542, 57.8140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

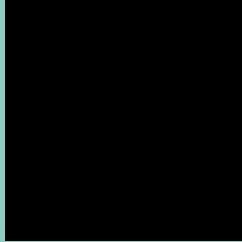
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.0918, 52.6542, 57.8140

Background



This preview shows how black text looks on a background with the XYZ color 42.0918, 52.6542, 57.8140.



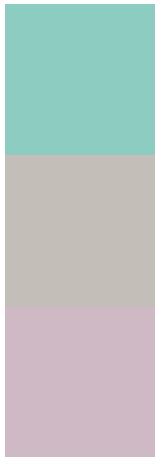
This preview shows how white text looks on a background with the XYZ color 42.0918, 52.6542,

57.8140.

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

42.0918, 52.6542, 57.8140

Protanopia

49.8301, 52.0234, 52.7626

Deuteranopia

53.0449, 51.9488, 59.4559



Tritanopia

45.0816, 52.4695, 72.7173

Trichromacy



Original Color

42.0918, 52.6542, 57.8140

Protanomaly

46.3892, 51.8482, 54.5764

Deuteranomaly

48.2284, 51.7067, 59.0682

Tritanomaly

43.8262, 52.2980, 66.8161

Monochromacy



Original Color

42.0918, 52.6542, 57.8140

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

43.7489, 49.1743, 54.1995

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.0918, 52.6542, 57.8140 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(141, 204, 192)` looks like.

```
.text, #text, p{  
    color:rgb(141, 204, 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(141, 204, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 204, 192) }
```

Border

The CSS property to change the border of an element to XYZ 42.0918, 52.6542, 57.8140 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(141, 204, 192) }
```


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

```
.border{ border-color:rgb(141, 204, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 204, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 204, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 204, 192);  
box-shadow:4px 4px 4px 4px rgb(141, 204,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 42.0918, 52.6542, 57.8140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 204, 192) }
```

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

```
.background{ background-color: rgb(141,  
204, 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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