

Converting Colors

XYZ(41.7598, 50.8987, 62.0531)

Have a look what the booklet for
XYZ(41.7598, 50.8987, 62.0531)
contains.

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Color

**XYZ(41.8948, 51.0541,
62.2899)**

Conversions

Conversions Part 1

Format	Color
Hex	8CC8C8
RGB	140, 200, 200
RGB Percent	55%, 78%, 78%
CMY	0.4510, 0.2157, 0.2157
CMYK	0.30, 0.00, 0.00, 0.22
HSL	180°, 35%, 67%
HSV	180°, 30%, 78%
XYZ	41.8948, 51.0541, 62.2899
YIQ	182.0600, -35.7600, -12.7200

Conversions

Conversions Part 2

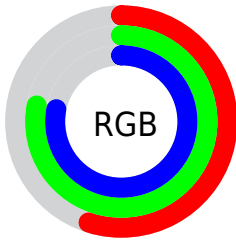
Format	Color
RYB	140, 170, 200
Decimal	9226440
CIELab	76.71, -19.10, -6.18
CIElCh	77, 20.075, 197.931
Yxy	51.0541, 0.2699, 0.3289
Android (android.graphics.Color)	4287416520 (0xFF8CC8C8)
YUV	182.0600, 8.8444, -36.8866
Hunter-Lab	71.4522, -20.3807, -1.6708

Details

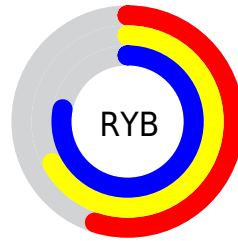
The XYZ color **41.8948, 51.0541, 62.2899** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.9329, 32.9304, 29.1698**, and the grayscale version is **44.4646, 46.7802, 50.9436**.

A 20% lighter version of the original color is **76.3157, 90.3421, 108.0232**, and **19.3977, 24.6593, 30.9315** is the 20% darker color. If you saturate the color by 10%, you get **38.8266, 49.4737, 62.1469**, and if you desaturate by 10%, it is **45.5785, 52.9544, 62.4639**.

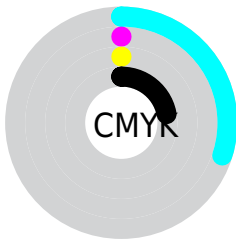
Distribution



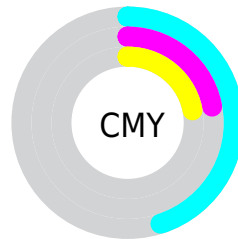
- Red (55%)
- Green (78%)
- Blue (78%)



- Red (55%)
- Yellow (67%)
- Blue (78%)



- Cyan (30%)
- Magenta (0%)
- Yellow (0%)
- Black (22%)





- Cyan (45%)
- Magenta (22%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.8948, 51.0541, 62.2899 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 41.8948, 51.0541, 62.2899 by changing the saturation by 10% instead.


 41.8948, 51.0541,
62.2899

 41.8948, 51.0541,
62.2899

345.0457,
390.7739, 451.0246

 29.2097, 36.2517,
44.8297


 77.3065, 91.7347,
109.7201

 19.3846, 24.6286,
30.9813


 100.7639,
118.3817, 140.5271

 12.0541, 15.8006,
20.3263

 128.5427,
149.7457, 176.6201

 6.8530, 9.3832,
12.4460

161.0082,
186.2110, 218.4178

 3.4159, 4.9919,
6.9220

198.5260,
228.1621, 266.3385

 1.3773, 2.2425,
3.3356

241.4612,

 0.2400, 0.7430,

275.9834, 320.8008

1.2685

290.1794,
330.0592, 382.2233

■ 0.0000, 0.0000,
0.0357

■ 0.0000, 0.0000,
0.0000

■ 41.8948, 51.0541,
62.2899

■ 41.8948, 51.0541,
62.2899

■ 38.8266, 49.4737,
62.1469

■ 45.5785, 52.9544,
62.4639

■ 36.3362, 48.1898,
62.0299

■ 49.9040, 55.1842,
62.6668

■ 34.3887, 47.1859,
61.9383

■ 54.9013, 57.7605,
62.9011

■ 32.9438, 46.4410,
61.8702

■ 60.5975, 60.6969,
63.1682

■ 31.9553, 45.9314,
61.8235

■ 67.0178, 64.0067,
63.4691

■ 31.3686, 45.6290,
61.7955

■ 72.3212, 66.7407,
63.7178

■ 31.0800, 45.4802,
61.7816

■ 72.3213, 66.7407,
63.7183

■ 31.0800, 45.4802,
61.7816

■ 72.3213, 66.7408,
63.7187

■ 72.3214, 66.7408,
63.7192

Harmonies

Analogous

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



41.7195, 51.0541, 51.3241



41.8948, 51.0541, 62.2899



43.7885, 51.0541, 72.6314

Triad

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



41.8948, 51.0541, 62.2899



54.1591, 51.0541, 70.8362



50.0706, 51.0541, 37.5205

Complementary

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



41.8948, 51.0541, 62.2899



37.9329, 32.9304, 29.1698

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.



53.5921, 51.0541, 41.4461



41.8948, 51.0541, 62.2899



56.0339, 51.0541, 60.0844

Square

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



41.8948, 51.0541, 62.2899



50.8119, 51.0541, 77.9918



55.8211, 51.0541, 49.3872



46.3085, 51.0541, 37.9487

Rectangle

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



41.8948, 51.0541, 62.2899



45.8293, 51.0541, 77.3454



55.8211, 51.0541, 49.3872



51.3252, 51.0541, 38.3511

Sweetspot

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



41.8963, 51.0561, 62.2911



87.1048, 95.9041, 108.5274



36.3739, 48.8668, 32.3271



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.



41.8963, 51.0561, 62.2911



68.9547, 86.5474, 107.6758



35.8050, 38.8730, 60.2620



10.9467, 12.0676, 13.6697



19.7610, 28.9168, 39.2814



0.9357, 1.3692, 1.8600

Inverse Universe

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



37.9329, 32.9304, 29.1698



61.0019, 50.1771, 41.2160



42.7428, 42.5505, 30.7723



10.6339, 10.6370, 11.0555



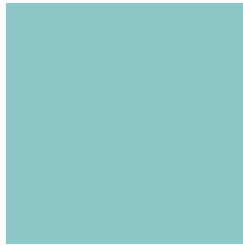
15.1453, 7.8077, 0.7090



0.7171, 0.3697, 0.0336

Previews

White Background



This preview shows how the XYZ color 41.8948, 51.0541, 62.2899 looks on a white background.

Color Contrast Check

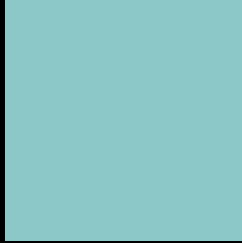
Large Text (above 18pt) WCAG AA × Fail

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 41.8948, 51.0541, 62.2899 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 41.8948, 51.0541, 62.2899

Background



This preview shows how black text looks on a background with the XYZ color 41.8948, 51.0541, 62.2899.

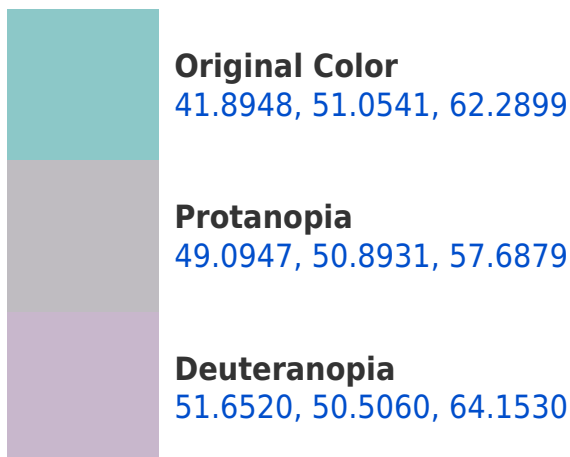


This preview shows how white text looks on a background with the XYZ color 41.8948, 51.0541,

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

43.6594, 51.0828, 71.1772

Trichromacy



Original Color

41.8948, 51.0541, 62.2899

Protanomaly

45.8267, 50.4555, 59.5481

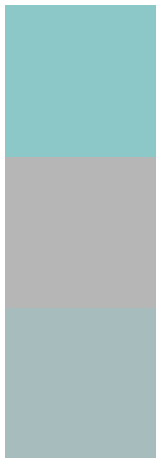
Deuteranomaly

47.3372, 50.1720, 63.6891

Tritanomaly

43.0874, 51.2011, 67.9335

Monochromacy



Original Color

41.8948, 51.0541, 62.2899

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

43.3193, 48.2848, 55.1808

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.8948, 51.0541, 62.2899 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(140, 200, 200)` looks like.

```
.text, #text, p{  
    color:rgb(140, 200, 200)  
}
```

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(140, 200, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 200, 200) }
```

Border

The CSS property to change the border of an element to XYZ 41.8948, 51.0541, 62.2899 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(140, 200, 200) }
```


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

```
.border{ border-color:rgb(140, 200, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 200, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(140, 200, 200); -webkit-box-shadow:4px 4px 4px 4px rgb(140, 200, 200); box-shadow:4px 4px 4px 4px rgb(140, 200, 200) }
```

Background

The CSS property to change the background color of an element to XYZ 41.8948, 51.0541, 62.2899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 200, 200) }
```

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

```
.background{ background-color: rgb(140,  
200, 200) }
```

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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