

Converting Colors

XYZ(42.1025, 48.2863, 53.7877)

Have a look what the booklet for
XYZ(42.1025, 48.2863, 53.7877)
contains.

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Color

**XYZ(41.9909, 48.2804,
53.5603)**

Conversions

Conversions Part 1

Format	Color
Hex	A0BFBA
RGB	160, 191, 186
RGB Percent	63%, 75%, 73%
CMY	0.3725, 0.2510, 0.2706
CMYK	0.16, 0.00, 0.03, 0.25
HSL	170°, 19%, 69%
HSV	170°, 16%, 75%
XYZ	41.9909, 48.2804, 53.5603
YIQ	181.1610, -16.8710, -8.1270

Conversions

Conversions Part 2

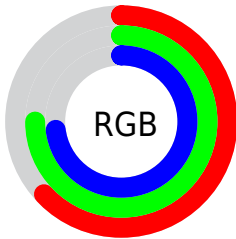
Format	Color
RYB	160, 177, 191
Decimal	10534842
CIELab	75.00, -11.44, -0.98
CIELCh	75, 11.479, 184.897
Yxy	48.2804, 0.2919, 0.3357
Android (android.graphics.Color)	4288724922 (0xFFA0BFBA)
YUV	181.1610, 2.3856, -18.5582
Hunter-Lab	69.4841, -13.7254, 2.9365

Details

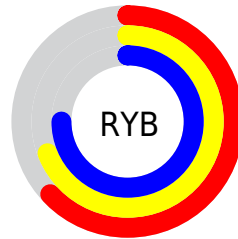
The XYZ color **41.9909, 48.2804, 53.5603** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.8499, 38.9358, 40.9616**, and the grayscale version is **44.0032, 46.2948, 50.4150**.

A 20% lighter version of the original color is **77.3121, 87.3794, 96.7955**, and **19.5065, 23.0586, 25.6129** is the 20% darker color. If you saturate the color by 10%, you get **38.1382, 46.3330, 51.6888**, and if you desaturate by 10%, it is **46.4401, 50.5370, 55.4987**.

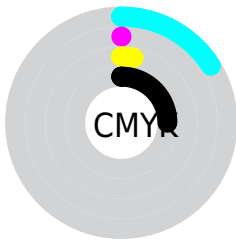
Distribution



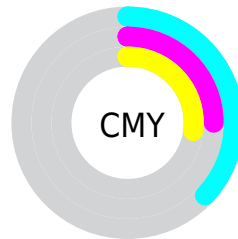
- Red (63%)
- Green (75%)
- Blue (73%)



- Red (63%)
- Yellow (69%)
- Blue (75%)



- Cyan (16%)
- Magenta (0%)
- Yellow (3%)
- Black (25%)



- Cyan (37%)
- Magenta (25%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.9909, 48.2804, 53.5603 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 41.9909, 48.2804, 53.5603 by changing the saturation by 10% instead.

■ 41.9909, 48.2804,
53.5603

■ 41.9909, 48.2804,
53.5603

345.4375,
379.9025, 417.5582

■ 29.2852, 34.0490,
37.8595

■ 77.4511, 87.6217,
96.8782

■ 19.4421, 22.9312,
25.5726

■ 100.9364,
113.5005, 125.3324

■ 12.0960, 14.5427,
16.2813

128.7455,
144.0304, 158.8747

■ 6.8818, 8.4991,
9.5669

161.2440,
179.5960, 197.9238

■ 3.4339, 4.4159,
5.0110

198.7970,
220.5816, 242.8981

■ 1.3872, 1.9088,
2.1948

241.7701,

■ 0.2471, 0.5537,

267.3716, 294.2163

0.6714

290.5284,
320.3505, 352.2968

■ 0.0000, 0.0000,
0.0000

■ 41.9909, 48.2804,
53.5603

■ 41.9909, 48.2804,
53.5603

■ 38.1382, 46.3330,
51.6888

■ 46.4401, 50.5370,
55.4987

■ 34.8512, 44.6751,
49.8794

■ 51.5066, 53.1098,
57.5020

■ 32.1023, 43.2939,
48.1316

■ 57.2154, 56.0129,
59.5728

■ 29.8603, 42.1731,
46.4438

■ 63.5889, 59.2579,
61.7123

■ 28.0904, 41.2949,
44.8140

■ 70.4629, 62.7599,
63.9130

■ 26.7537, 40.6393,
43.2403

■ 70.8302, 62.9068,
65.8472

■ 25.8048, 40.1828,
41.7202

■ 71.2048, 63.0567,
67.8200

■ 25.1853, 39.8953,
40.2507

■ 71.5868, 63.2095,
69.8315

■ 24.9929, 39.8079,
39.7080

■ 71.9762, 63.3653,
71.8821

Harmonies

Analogous

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



42.3366, 48.2804, 47.8245



41.9909, 48.2804, 53.5603



42.6634, 48.2804, 59.4503

Triad

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



41.9909, 48.2804, 53.5603



48.2328, 48.2804, 62.6117



47.6196, 48.2804, 42.7977

Complementary

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



41.9909, 48.2804, 53.5603



40.8499, 38.9358, 40.9616

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.



49.2733, 48.2804, 46.2406



41.9909, 48.2804, 53.5603



49.6349, 48.2804, 57.6176

Square

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



41.9909, 48.2804, 53.5603



46.2339, 48.2804, 64.9235



50.0213, 48.2804, 51.5903



45.5460, 48.2804, 41.8908

Rectangle

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



41.9909, 48.2804, 53.5603



43.6111, 48.2804, 62.5850



50.0213, 48.2804, 51.5903



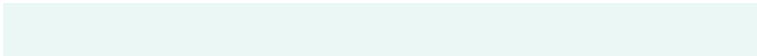
48.2450, 48.2804, 43.6833

Sweetspot

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



41.9923, 48.2824, 53.5614



84.1587, 91.0092, 99.8010



40.5291, 47.8190, 40.3522



18.3461, 19.9166, 21.8601



92.9021, 97.7402, 106.4391



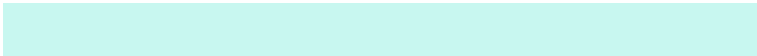
19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41.9923, 48.2824, 53.5614



72.9753, 85.3413, 94.8825



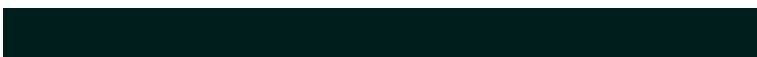
40.3587, 44.1492, 55.6872



9.7406, 10.7824, 11.8837



16.4491, 26.1699, 26.2257



0.6623, 1.0323, 1.1219

Inverse Universe

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



40.8499, 38.9358, 40.9616



70.5950, 65.8613, 68.6257



42.2699, 42.4905, 39.2319



9.5913, 9.5608, 10.2367



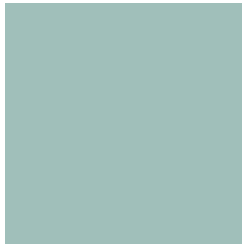
14.3013, 7.3517, 1.6142



0.5802, 0.2960, 0.1683

Previews

White Background



This preview shows how the XYZ color 41.9909, 48.2804, 53.5603 looks on a white background.

Color Contrast Check

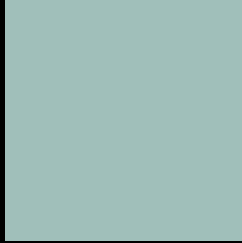
Large Text (above 18pt) WCAG AA × Fail

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 41.9909, 48.2804, 53.5603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

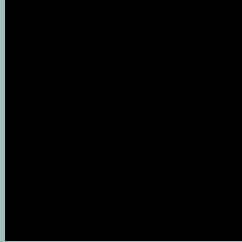
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.9909, 48.2804, 53.5603

Background



This preview shows how black text looks on a background with the XYZ color 41.9909, 48.2804, 53.5603.



This preview shows how white text looks on a background with the XYZ color 41.9909, 48.2804,

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

41.9909, 48.2804, 53.5603

Protanopia

46.1160, 47.9357, 51.0779

Deuteranopia

49.1248, 48.1937, 54.8573



Tritanopia

43.8670, 48.0648, 63.4653

Trichromacy



Original Color

41.9909, 48.2804, 53.5603

Protanomaly

44.4662, 48.0017, 51.7214

Deuteranomaly

46.0182, 47.8121, 54.3802

Tritanomaly

43.1759, 48.1078, 59.8334

Monochromacy



Original Color

41.9909, 48.2804, 53.5603

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

43.1298, 47.0011, 51.5987

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.9909, 48.2804, 53.5603 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(160, 191, 186)` looks like.

```
.text, #text, p{  
    color:rgb(160, 191, 186)  
}
```

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(160, 191, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 191, 186) }
```

Border

The CSS property to change the border of an element to XYZ 41.9909, 48.2804, 53.5603 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(160, 191, 186) }
```


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

```
.border{ border-color:rgb(160, 191, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 191, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(160, 191, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(160, 191, 186); box-shadow:4px 4px 4px 4px rgb(160, 191, 186) }
```

Background

The CSS property to change the background color of an element to XYZ 41.9909, 48.2804, 53.5603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 191, 186) }
```

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

```
.background{ background-color: rgb(160,  
191, 186) }
```

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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