

Converting Colors

XYZ(41.9807, 48.6318, 51.5471)

Have a look what the booklet for
XYZ(41.9807, 48.6318, 51.5471)
contains.

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Color

**XYZ(41.9911, 48.6537,
51.4339)**

Conversions

Conversions Part 1

Format	Color
Hex	A1C0B6
RGB	161, 192, 182
RGB Percent	63%, 75%, 71%
CMY	0.3686, 0.2470, 0.2863
CMYK	0.16, 0.00, 0.05, 0.25
HSL	161°, 20%, 69%
HSV	161°, 16%, 75%
XYZ	41.9911, 48.6537, 51.4339
YIQ	181.5910, -15.2660, -9.6820

Conversions

Conversions Part 2

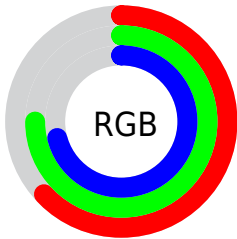
Format	Color
RYB	161, 179, 192
Decimal	10600630
CIELab	75.24, -12.44, 1.54
CIELCh	75, 12.540, 172.941
Yxy	48.6537, 0.2955, 0.3424
Android (android.graphics.Color)	4288790710 (0xFFA1C0B6)
YUV	181.5910, 0.2016, -18.0583
Hunter-Lab	69.7522, -14.6087, 5.1073

Details

The XYZ color **41.9911, 48.6537, 51.4339** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.8355, 39.6378, 43.9762**, and the grayscale version is **44.2471, 46.5514, 50.6944**.

A 20% lighter version of the original color is **77.3189, 87.9068, 93.7815**, and **19.3576, 23.0131, 24.1906** is the 20% darker color. If you saturate the color by 10%, you get **37.7891, 46.5612, 47.9695**, and if you desaturate by 10%, it is **46.8183, 51.0679, 55.0775**.

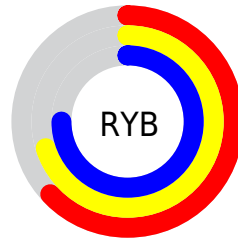
Distribution



Red (63%)

Green (75%)

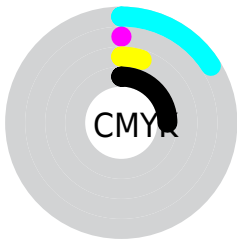
Blue (71%)



Red (63%)

Yellow (70%)

Blue (75%)

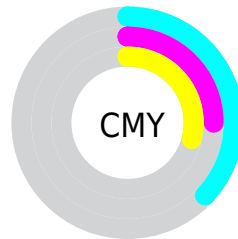


Cyan (16%)

Magenta (0%)

Yellow (5%)

Black (25%)



Cyan (37%)

Magenta (25%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.9911, 48.6537, 51.4339 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 41.9911, 48.6537, 51.4339 by changing the saturation by 10% instead.

■ 41.9911, 48.6537,
51.4339

■ 41.9911, 48.6537,
51.4339

345.4383,
381.3774, 409.1418

■ 29.2854, 34.3449,
36.1749

■ 77.4514, 88.1769,
93.7139

■ 19.4422, 23.1587,
24.2786

■ 100.9367,
114.1601, 121.5720

■ 12.0961, 14.7107,
15.3263

128.7460,
144.8034, 154.4668

■ 6.8818, 8.6166,
8.8995

161.2445,
180.4914, 192.8170

■ 3.4340, 4.4920,
4.5798

198.7976,
221.6084, 237.0411

■ 1.3872, 1.9524,
1.9485

241.7707,

■ 0.2471, 0.5796,

268.5388, 287.5575

0.5233

290.5292,
321.6670, 344.7849

■ 0.0000, 0.0000,
0.0000

■ 41.9911, 48.6537,
51.4339

■ 41.9911, 48.6537,
51.4339

■ 37.7891, 46.5612,
47.9695

■ 46.8183, 51.0679,
55.0775

■ 34.1809, 44.7702,
44.6779

■ 52.2923, 53.8109,
58.9000

■ 31.1384, 43.2676,
41.5568

■ 58.4386, 56.8972,
62.9055

■ 28.6294, 42.0370,
38.6028

■ 65.2802, 60.3384,
67.0969

■ 26.6186, 41.0601,
35.8122

■ 72.0977, 63.7639,
71.4423

■ 25.0661, 40.3164,
33.1810

■ 72.8992, 64.0845,
75.6629

■ 23.9257, 39.7821,
30.7051

■ 73.7310, 64.4172,
80.0435

■ 23.1383, 39.4268,
28.3796

■ 74.5936, 64.7622,
84.5857

■ 22.8835, 39.3142,
27.5209

■ 75.4871, 65.1197,
89.2911

Harmonies

Analogous

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



42.8027, 48.6537, 45.7015



41.9911, 48.6537, 51.4339



42.2885, 48.6537, 58.0690

Triad

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



41.9911, 48.6537, 51.4339



47.9897, 48.6537, 65.5204



48.9614, 48.6537, 43.4948

Complementary

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



41.9911, 48.6537, 51.4339



41.8355, 39.6378, 43.9762

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.



50.4386, 48.6537, 48.1891



41.9911, 48.6537, 51.4339



49.8647, 48.6537, 60.9833

Square

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



41.9911, 48.6537, 51.4339



45.7024, 48.6537, 66.5699



50.7745, 48.6537, 54.5478



46.7896, 48.6537, 41.3708

Rectangle

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



41.9911, 48.6537, 51.4339



43.0804, 48.6537, 62.0838



50.7745, 48.6537, 54.5478



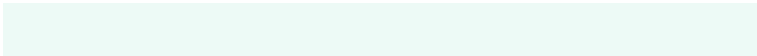
49.5585, 48.6537, 44.8049

Sweetspot

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



41.9925, 48.6557, 51.4350



85.8294, 93.0292, 100.5158



42.1516, 48.9700, 40.9496



18.2703, 19.8863, 21.4609



92.9021, 97.7402, 106.4391



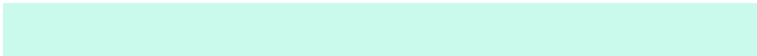
19.4759, 20.4902, 22.3138

Same Dimension

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



41.9925, 48.6557, 51.4350



73.5601, 86.8981, 91.1760



41.9489, 46.8547, 56.7044



10.2258, 11.3714, 12.1924



15.4343, 26.4678, 18.7119



0.6973, 1.1558, 0.9686

Inverse Universe

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



41.8355, 39.6378, 43.9762



73.2282, 67.7917, 75.3759



41.8394, 41.1142, 39.4497



10.2042, 10.1303, 11.1656



15.2436, 7.7872, 3.9287



0.6907, 0.3493, 0.3385

Previews

White Background



This preview shows how the XYZ color 41.9911, 48.6537, 51.4339 looks on a white background.

Color Contrast Check

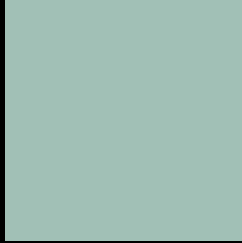
Large Text (above 18pt) WCAG AA × Fail

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 41.9911, 48.6537, 51.4339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

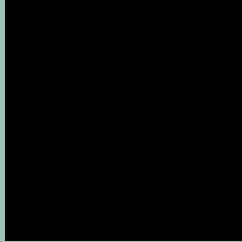
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

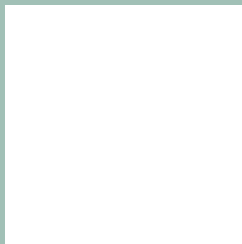
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.9911, 48.6537, 51.4339

Background



This preview shows how black text looks on a background with the XYZ color 41.9911, 48.6537, 51.4339.



This preview shows how white text looks on a background with the XYZ color 41.9911, 48.6537,

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

41.9911, 48.6537, 51.4339

Protanopia

46.4116, 48.4425, 49.0237

Deuteranopia

49.5057, 48.4395, 52.6395



Tritanopia

44.6137, 48.7542, 64.1858

Trichromacy



Original Color

41.9911, 48.6537, 51.4339

Protanomaly

44.4974, 48.3790, 49.6406

Deuteranomaly

46.5313, 48.4330, 52.2435

Tritanomaly

43.6871, 48.7049, 59.3230

Monochromacy



Original Color

41.9911, 48.6537, 51.4339

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

43.4580, 47.4939, 51.1327

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.9911, 48.6537, 51.4339 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(161, 192, 182)` looks like.

```
.text, #text, p{  
    color:rgb(161, 192, 182)  
}
```

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(161, 192, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 192, 182) }
```

Border

The CSS property to change the border of an element to XYZ 41.9911, 48.6537, 51.4339 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(161, 192, 182) }
```


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

```
.border{ border-color:rgb(161, 192, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 192, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 192, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 192, 182);  
box-shadow:4px 4px 4px 4px rgb(161, 192,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 41.9911, 48.6537, 51.4339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 192, 182) }
```

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

```
.background{ background-color: rgb(161,  
192, 182) }
```

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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