

Converting Colors

XYZ(41.9986, 48.6335, 52.5211)

Have a look what the booklet for
XYZ(41.9986, 48.6335, 52.5211)
contains.

XYZ(41.9986, 48.6335, 52.5211)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(41.9986, 48.6335,
52.5211)**

Conversions

Conversions Part 1

Format	Color
Hex	A0C0B8
RGB	160, 192, 184
RGB Percent	63%, 75%, 72%
CMY	0.3725, 0.2470, 0.2784
CMYK	0.17, 0.00, 0.04, 0.25
HSL	165°, 20%, 69%
HSV	165°, 17%, 75%
XYZ	41.9986, 48.6335, 52.5211
YIQ	181.5200, -16.5040, -9.2720

Conversions

Conversions Part 2

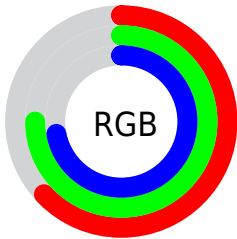
Format	Color
RYB	160, 178, 192
Decimal	10535096
CIELab	75.22, -12.37, 0.43
CIELCh	75, 12.375, 178.012
Yxy	48.6335, 0.2934, 0.3397
Android (android.graphics.Color)	4288725176 (0xFFA0C0B8)
YUV	181.5200, 1.2226, -18.8730
Hunter-Lab	69.7377, -14.5418, 4.1637

Details

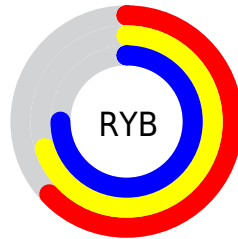
The XYZ color **41.9986, 48.6335, 52.5211** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.3787, 39.1766, 42.4289**, and the grayscale version is **44.2037, 46.5057, 50.6447**.

A 20% lighter version of the original color is **77.3199, 87.8731, 95.3241**, and **19.3696, 23.0038, 24.8920** is the 20% darker color. If you saturate the color by 10%, you get **37.9582, 46.6091, 49.7499**, and if you desaturate by 10%, it is **46.6516, 50.9744, 55.4122**.

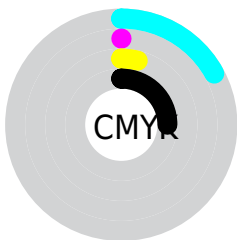
Distribution



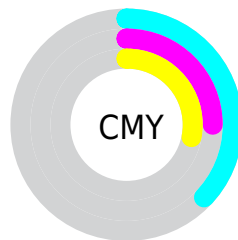
- Red (63%)
- Green (75%)
- Blue (72%)



- Red (63%)
- Yellow (70%)
- Blue (75%)



- Cyan (17%)
- Magenta (0%)
- Yellow (4%)
- Black (25%)





- Cyan (37%)
- Magenta (25%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.9986, 48.6335, 52.5211 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 41.9986, 48.6335, 52.5211 by changing the saturation by 10% instead.

 41.9986, 48.6335,
52.5211

 41.9986, 48.6335,
52.5211


345.4689,
381.2977, 413.4591

 29.2913, 34.3288,
37.0355


 77.4627, 88.1469,
95.3337

 19.4467, 23.1463,
24.9390


 100.9502,
114.1244, 123.4978

 12.0994, 14.7016,
15.8130


128.7618,
144.7616, 156.7251

 6.8841, 8.6102,
9.2390

161.2628,
180.4430, 195.4342

 3.4354, 4.4878,
4.7985

198.8187,
221.5529, 240.0436

 1.3880, 1.9500,
2.0728

241.7948,

 0.2476, 0.5782,

268.4757, 290.9718

0.5995

290.5564,
321.5959, 348.6375

■ 0.0000, 0.0000,
0.0000

■ 41.9986, 48.6335,
52.5211

■ 41.9986, 48.6335,
52.5211

■ 37.9582, 46.6091,
49.7499

■ 46.6516, 50.9744,
55.4122

■ 34.4991, 44.8811,
47.0933

■ 51.9387, 53.6388,
58.4219

■ 31.5932, 43.4363,
44.5499

■ 57.8853, 56.6412,
61.5534

■ 29.2085, 42.2583,
42.1175

■ 64.5141, 59.9934,
64.8086

■ 27.3096, 41.3289,
39.7934

■ 71.4766, 63.5154,
68.1720

■ 25.8566, 40.6274,
37.5749

■ 72.0765, 63.7554,
71.3309

■ 24.8030, 40.1300,
35.4589

■ 72.6944, 64.0026,
74.5849

■ 24.0872, 39.8049,
33.4414

■ 73.3305, 64.2570,
77.9346

■ 23.8839, 39.7143,
32.7889

■ 73.9850, 64.5188,
81.3810

Harmonies

Analogous

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



42.6209, 48.6335, 46.6042



41.9986, 48.6335, 52.5211



42.4776, 48.6335, 59.0436

Triad

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



41.9986, 48.6335, 52.5211



48.3049, 48.6335, 64.7731



48.5755, 48.6335, 43.0438

Complementary

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



41.9986, 48.6335, 52.5211



41.3787, 39.1766, 42.4289

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.



50.1859, 48.6335, 47.2975



41.9986, 48.6335, 52.5211



50.0261, 48.6335, 59.8550

Square

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



41.9986, 48.6335, 52.5211



46.0734, 48.6335, 66.4537



50.7252, 48.6335, 53.3885



46.3763, 48.6335, 41.4182

Rectangle

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



41.9986, 48.6335, 52.5211



43.3660, 48.6335, 62.7982



50.7252, 48.6335, 53.3885



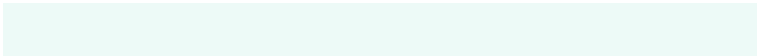
49.2063, 48.6335, 44.1957

Sweetspot

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



42.0000, 48.6355, 52.5222



85.9688, 93.0849, 101.2503



41.4586, 48.6229, 40.4587



18.3043, 19.8999, 21.6399



92.9021, 97.7402, 106.4391



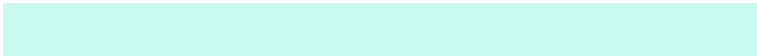
19.4759, 20.4902, 22.3138

Same Dimension

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



42.0000, 48.6355, 52.5222



73.2975, 86.7154, 93.3036



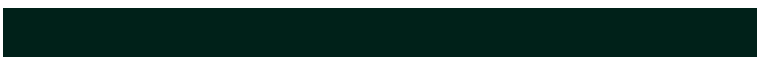
41.2647, 45.7842, 56.5338



10.2574, 11.3840, 12.3589



16.1030, 26.7353, 22.2334



0.7220, 1.1656, 1.0988

Inverse Universe

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



41.3787, 39.1766, 42.4289



71.9607, 66.3516, 71.5786



41.9894, 41.5547, 39.0664



10.1742, 10.1183, 11.0080



15.0134, 7.6951, 2.7169



0.6774, 0.3440, 0.2687

Previews

White Background



This preview shows how the XYZ color 41.9986, 48.6335, 52.5211 looks on a white background.

Color Contrast Check

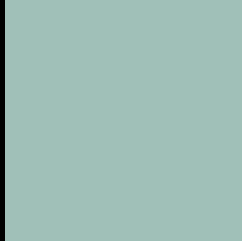
Large Text (above 18pt) WCAG AA × Fail

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 41.9986, 48.6335, 52.5211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

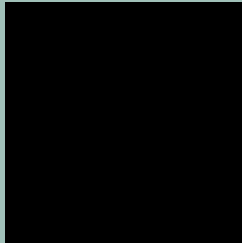
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

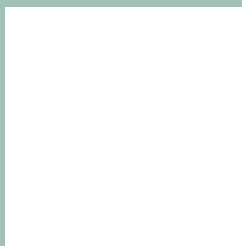
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.9986, 48.6335, 52.5211

Background



This preview shows how black text looks on a background with the XYZ color 41.9986, 48.6335, 52.5211.



This preview shows how white text looks on a background with the XYZ color 41.9986, 48.6335,

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

41.9986, 48.6335, 52.5211

Protanopia

46.2634, 48.3545, 49.5428

Deuteranopia

49.4469, 48.3846, 53.7467



Tritanopia

44.4065, 48.6473, 64.1761

Trichromacy



Original Color

41.9986, 48.6335, 52.5211

Protanomaly

44.4709, 48.3418, 50.7031

Deuteranomaly

46.4969, 48.3909, 53.3441

Tritanomaly

43.5958, 48.6447, 59.9149

Monochromacy



Original Color

41.9986, 48.6335, 52.5211

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

43.5617, 47.5354, 51.6790

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.9986, 48.6335, 52.5211 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, 192, 184)` looks like.

```
.text, #text, p{  
    color:rgb(160, 192, 184)  
}
```

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, 192, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 192, 184) }
```

Border

The CSS property to change the border of an element to XYZ 41.9986, 48.6335, 52.5211 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, 192, 184) }
```


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

```
.border{ border-color:rgb(160, 192, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 192, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 192, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 192, 184);  
box-shadow:4px 4px 4px 4px rgb(160, 192,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 41.9986, 48.6335, 52.5211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 192, 184) }
```

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

```
.background{ background-color: rgb(160,  
192, 184) }
```

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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