

Converting Colors

XYZ(42.0904, 48.7169, 50.9010)

Have a look what the booklet for
XYZ(42.0904, 48.7169, 50.9010)
contains.

XYZ(42.0904, 48.7169, 50.9010)	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(42.0904, 48.7169,
50.9010)**

Conversions

Conversions Part 1

Format	Color
Hex	A2C0B5
RGB	162, 192, 181
RGB Percent	64%, 75%, 71%
CMY	0.3647, 0.2470, 0.2902
CMYK	0.16, 0.00, 0.06, 0.25
HSL	158°, 19%, 69%
HSV	158°, 16%, 75%
XYZ	42.0904, 48.7169, 50.9010
YIQ	181.7760, -14.3490, -9.7810

Conversions

Conversions Part 2

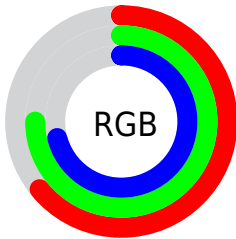
Format	Color
RYB	162, 180, 192
Decimal	10666165
CIELab	75.27, -12.32, 2.15
CIELCh	75, 12.501, 170.102
Yxy	48.7169, 0.2970, 0.3438
Android (android.graphics.Color)	4288856245 (0xFFA2C0B5)
YUV	181.7760, -0.3826, -17.3436
Hunter-Lab	69.7975, -14.5037, 5.6200

Details

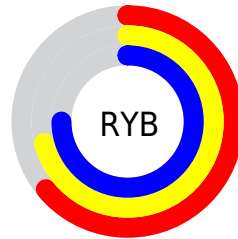
The XYZ color **42.0904, 48.7169, 50.9010** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.2031, 40.0654, 45.0463**, and the grayscale version is **44.3503, 46.6600, 50.8127**.

A 20% lighter version of the original color is **77.4687, 88.0009, 93.0236**, and **19.4152, 23.0505, 23.8480** is the 20% darker color. If you saturate the color by 10%, you get **37.7799, 46.5775, 47.0232**, and if you desaturate by 10%, it is **47.0357, 51.1820, 55.0012**.

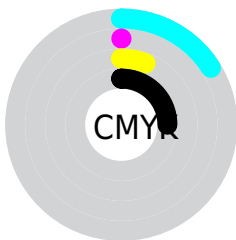
Distribution



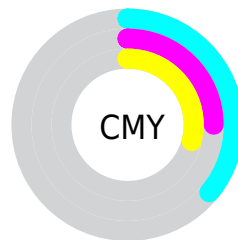
- Red (64%)
- Green (75%)
- Blue (71%)



- Red (64%)
- Yellow (71%)
- Blue (75%)



- Cyan (16%)
- Magenta (0%)
- Yellow (6%)
- Black (25%)





- Cyan (36%)
- Magenta (25%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.0904, 48.7169, 50.9010 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 42.0904, 48.7169, 50.9010 by changing the saturation by 10% instead.


 42.0904, 48.7169,
50.9010


 42.0904, 48.7169,
50.9010


345.8428,
381.6268, 407.0146

 29.3635, 34.3950,
35.7536


 77.6007, 88.2708,
92.9184

 19.5016, 23.1972,
23.9558

 101.1149,
114.2716, 120.6256

 12.1395, 14.7392,
15.0889


128.9555,
144.9342, 153.3564

 6.9116, 8.6365,
8.7345

161.4879,
180.6428, 191.5294

 3.4527, 4.5049,
4.4740

199.0775,
221.7820, 235.5632

 1.3974, 1.9598,
1.8888

242.0896,

 0.2544, 0.5840,

268.7362, 285.8763

0.4856

290.8896,
321.8896, 342.8873

■ 0.0000, 0.0000,
0.0000

■ 42.0904, 48.7169,
50.9010

■ 42.0904, 48.7169,
50.9010

■ 37.7799, 46.5775,
47.0232

■ 47.0357, 51.1820,
55.0012

■ 34.0727, 44.7436,
43.3605

■ 52.6374, 53.9799,
59.3244

■ 30.9405, 43.2020,
39.9097

■ 58.9211, 57.1251,
63.8757

■ 28.3513, 41.9363,
36.6665

■ 65.9100, 60.6293,
68.6585

■ 26.2697, 40.9283,
33.6261

■ 72.5121, 63.9298,
73.6245

■ 24.6559, 40.1576,
30.7837

■ 73.4435, 64.3023,
78.5289

■ 23.4638, 39.6005,
28.1339

■ 74.4143, 64.6907,
83.6413

■ 22.6364, 39.2276,
25.6708

■ 75.4251, 65.0950,
88.9642

■ 22.3382, 39.0962,
24.6490

■ 76.4764, 65.5155,
94.5000

Harmonies

Analogous

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



42.9995, 48.7169, 45.3422



42.0904, 48.7169, 50.9010



42.2814, 48.7169, 57.5088

Triad

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



42.0904, 48.7169, 50.9010



47.8376, 48.7169, 65.8231



49.1933, 48.7169, 43.9253

Complementary

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



42.0904, 48.7169, 50.9010



42.2031, 40.0654, 45.0463

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.



50.5739, 48.7169, 48.8173



42.0904, 48.7169, 50.9010



49.7735, 48.7169, 61.5729

Square

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



42.0904, 48.7169, 50.9010



45.5494, 48.7169, 66.4974



50.7897, 48.7169, 55.2472



47.0668, 48.7169, 41.5405

Rectangle

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



42.0904, 48.7169, 50.9010



43.0091, 48.7169, 61.6110



50.7897, 48.7169, 55.2472



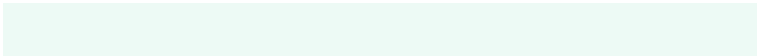
49.7629, 48.7169, 45.3112

Sweetspot

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



42.0918, 48.7189, 50.9021



85.7450, 92.9954, 100.0714



42.7172, 49.2515, 41.4381



18.2497, 19.8781, 21.3526



92.9021, 97.7402, 106.4391



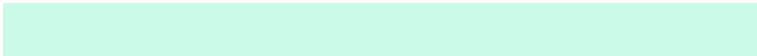
19.4759, 20.4902, 22.3138

Same Dimension

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



42.0918, 48.7189, 50.9021



73.2601, 86.7781, 89.5962



42.5065, 47.6696, 56.8325



10.2067, 11.3637, 12.0920



15.0690, 26.3217, 16.7882



0.6833, 1.1502, 0.8951

Inverse Universe

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



42.2031, 40.0654, 45.0463



73.5034, 67.9019, 76.8255



41.8068, 40.9073, 39.8754



10.2225, 10.1376, 11.2621



15.4147, 7.8556, 4.8298



0.6993, 0.3527, 0.3841

Previews

White Background



This preview shows how the XYZ color 42.0904, 48.7169, 50.9010 looks on a white background.

Color Contrast Check

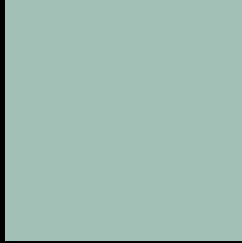
Large Text (above 18pt) WCAG AA × Fail

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 42.0904, 48.7169, 50.9010 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

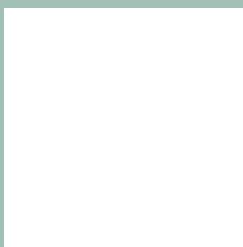
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.0904, 48.7169, 50.9010

Background



This preview shows how black text looks on a background with the XYZ color 42.0904, 48.7169, 50.9010.



This preview shows how white text looks on a background with the XYZ color 42.0904, 48.7169,

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

42.0904, 48.7169, 50.9010

Protanopia

46.3115, 48.4025, 48.4967

Deuteranopia

49.4004, 48.3974, 52.0853



Tritanopia

44.8226, 48.8618, 64.1956

Trichromacy



Original Color

42.0904, 48.7169, 50.9010

Protanomaly

44.6286, 48.4583, 49.1207

Deuteranomaly

46.4268, 48.3912, 51.6932

Tritanomaly

43.8943, 48.8118, 59.3327

Monochromacy



Original Color

42.0904, 48.7169, 50.9010

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

43.6816, 47.6092, 51.1432

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.0904, 48.7169, 50.9010 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(162, 192, 181)` looks like.

```
.text, #text, p{  
    color:rgb(162, 192, 181)  
}
```

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(162, 192, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 192, 181) }
```

Border

The CSS property to change the border of an element to XYZ 42.0904, 48.7169, 50.9010 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(162, 192, 181) }
```


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

```
.border{ border-color:rgb(162, 192, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 192, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 192, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 192, 181);  
box-shadow:4px 4px 4px 4px rgb(162, 192,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 42.0904, 48.7169, 50.9010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 192, 181) }
```

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

```
.background{ background-color: rgb(162,  
192, 181) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor