

Converting Colors

XYZ(45.1886, 50.0243, 52.2862)

Have a look what the booklet for
XYZ(45.1886, 50.0243, 52.2862)
contains.

XYZ(45.0825, 49.9106, 52.0574)	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(45.0825, 49.9106,
52.0574)**

Conversions

Conversions Part 1

Format	Color
Hex	B0BFB7
RGB	176, 191, 183
RGB Percent	69%, 75%, 72%
CMY	0.3098, 0.2510, 0.2823
CMYK	0.08, 0.00, 0.04, 0.25
HSL	148°, 10%, 72%
HSV	148°, 8%, 75%
XYZ	45.0825, 49.9106, 52.0574
YIQ	185.6030, -6.3720, -5.6680

Conversions

Conversions Part 2

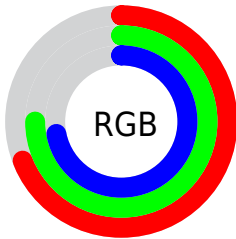
Format	Color
RYB	176, 186, 191
Decimal	11583415
CIELab	76.01, -6.68, 2.26
CIELCh	76, 7.049, 161.324
Yxy	49.9106, 0.3066, 0.3394
Android (android.graphics.Color)	4289773495 (0xFFB0BFB7)
YUV	185.6030, -1.2833, -8.4218
Hunter-Lab	70.6474, -9.7262, 5.7647

Details

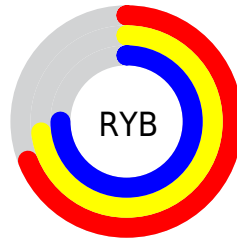
The XYZ color **45.0825, 49.9106, 52.0574** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.6647, 45.5889, 51.7424**, and the grayscale version is **46.4607, 48.8803, 53.2307**.

A 20% lighter version of the original color is **82.1195, 89.9093, 94.6874**, and **21.2861, 23.9996, 24.6296** is the 20% darker color. If you saturate the color by 10%, you get **40.0418, 47.4315, 46.4852**, and if you desaturate by 10%, it is **50.8105, 52.7379, 58.0646**.

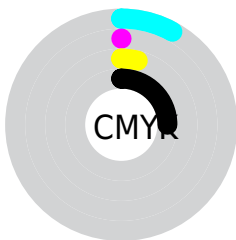
Distribution



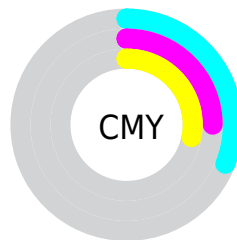
- Red (69%)
- Green (75%)
- Blue (72%)



- Red (69%)
- Yellow (73%)
- Blue (75%)



- Cyan (8%)
- Magenta (0%)
- Yellow (4%)
- Black (25%)



- Cyan (31%)
- Magenta (25%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.0825, 49.9106, 52.0574 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 45.0825, 49.9106, 52.0574 by changing the saturation by 10% instead.

■ 45.0825, 49.9106,
52.0574

■ 45.0825, 49.9106,
52.0574

357.8857,
386.3162, 411.6214

■ 31.7240, 35.3424,
36.6683

■ 82.0805, 90.0424,
94.6433

■ 21.3053, 23.9267,
24.6570

106.4507,
116.3748, 122.6772

■ 13.4611, 15.2793,
15.6050

135.2221,
147.3973, 155.7631

■ 7.8260, 9.0156,
9.0938

168.7602,
183.4944, 194.3195

■ 4.0347, 4.7514,
4.7047

207.4302,
225.0504, 238.7650

■ 1.7218, 2.1021,
2.0194

251.5976,

■ 0.4698, 0.6658,

272.4498, 289.5181

0.5672

301.6276,
326.0770, 346.9974

■ 0.0000, 0.0000,
0.0000

■ 45.0825, 49.9106,
52.0574

■ 45.0825, 49.9106,
52.0574

■ 40.0418, 47.4315,
46.4852

■ 50.8105, 52.7379,
58.0646

■ 35.6572, 45.2807,
41.3350

■ 57.2469, 55.9199,
64.5129

■ 31.9017, 43.4456,
36.5979

■ 64.4172, 59.4710,
71.4124

■ 28.7442, 41.9105,
32.2635

■ 72.3440, 63.4028,
78.7719

■ 26.1513, 40.6584,
28.3207

■ 74.7149, 64.4608,
86.3035

■ 24.0857, 39.6703,
24.7582

■ 76.2209, 65.0632,
94.2340

■ 22.5058, 38.9249,
21.5639

■ 77.8125, 65.6998,
102.6151

■ 21.3629, 38.3973,
18.7248

■ 77.9218, 65.7435,
103.1906

■ 20.5846, 38.0506,
16.2265

Harmonies

Analogous

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



45.7879, 49.9106, 49.0836



45.0825, 49.9106, 52.0574



45.0014, 49.9106, 55.7790

Triad

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



45.0825, 49.9106, 52.0574



47.9369, 49.9106, 61.7609



49.3635, 49.9106, 49.6999

Complementary

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



45.0825, 49.9106, 52.0574



45.6647, 45.5889, 51.7424

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.



49.9621, 49.9106, 52.9342



45.0825, 49.9106, 52.0574



49.1284, 49.9106, 59.9677

Square

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



45.0825, 49.9106, 52.0574



46.6332, 49.9106, 61.4994



49.8752, 49.9106, 56.6969



48.2531, 49.9106, 47.7666

Rectangle

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



45.0825, 49.9106, 52.0574



45.3105, 49.9106, 58.1977



49.8752, 49.9106, 56.6969



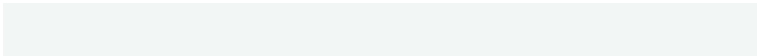
49.6322, 49.9106, 50.6646

Sweetspot

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



45.0839, 49.9127, 52.0585



86.5617, 92.2594, 99.4008



46.2962, 50.6198, 48.4054



19.0313, 20.2707, 21.8516



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.



45.0839, 49.9127, 52.0585



79.5110, 88.7833, 91.9041



45.8586, 50.2226, 56.1379



9.5890, 10.7217, 11.0853



13.4721, 24.9791, 10.5490



0.5608, 0.9917, 0.5873

Inverse Universe

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



45.6647, 45.5889, 51.7424



80.7111, 79.8484, 91.2508



44.9235, 45.2924, 47.8397



9.7371, 9.6191, 11.0047



15.7335, 7.9246, 9.1562



0.6491, 0.3235, 0.5312

Previews

White Background



This preview shows how the XYZ color 45.0825, 49.9106, 52.0574 looks on a white background.

Color Contrast Check

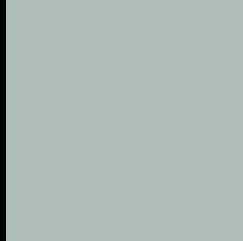
Large Text (above 18pt) WCAG AA × Fail

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 45.0825, 49.9106, 52.0574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

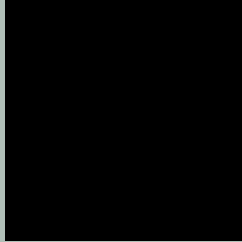
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

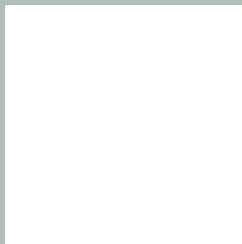
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 45.0825, 49.9106, 52.0574

Background



This preview shows how black text looks on a background with the XYZ color 45.0825, 49.9106, 52.0574.



This preview shows how white text looks on a background with the XYZ color 45.0825, 49.9106,

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

45.0825, 49.9106, 52.0574

Protanopia

47.5354, 49.6196, 50.2522

Deuteranopia

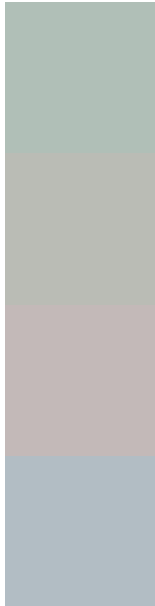
50.7344, 49.6723, 52.8127



Tritanopia

47.3531, 49.8619, 63.6285

Trichromacy



Original Color

45.0825, 49.9106, 52.0574

Protanomaly

46.5734, 49.7417, 50.8625

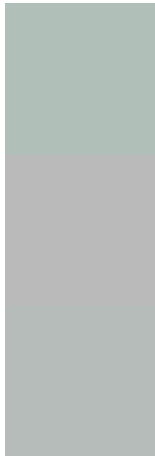
Deuteranomaly

48.5064, 49.7607, 52.3956

Tritanomaly

46.5215, 49.8457, 59.3938

Monochromacy



Original Color

45.0825, 49.9106, 52.0574

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

46.0316, 49.4143, 53.0107

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.0825, 49.9106, 52.0574 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(176, 191, 183)` looks like.

```
.text, #text, p{  
    color:rgb(176, 191, 183)  
}
```

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(176, 191, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 191, 183) }
```

Border

The CSS property to change the border of an element to XYZ 45.0825, 49.9106, 52.0574 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(176, 191, 183) }
```


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

```
.border{ border-color:rgb(176, 191, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 191, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 191, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 191, 183);  
box-shadow:4px 4px 4px 4px rgb(176, 191,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 45.0825, 49.9106, 52.0574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 191, 183) }
```

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

```
.background{ background-color: rgb(176,  
191, 183) }
```

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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