

Converting Colors

XYZ(42.0288, 45.8663, 50.4132)

Have a look what the booklet for
XYZ(42.0288, 45.8663, 50.4132)
contains.

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Color

**XYZ(42.0686, 45.8611,
50.3509)**

Conversions

Conversions Part 1

Format	Color
Hex	ABB7B5
RGB	171, 183, 181
RGB Percent	67%, 72%, 71%
CMY	0.3294, 0.2823, 0.2902
CMYK	0.07, 0.00, 0.01, 0.28
HSL	170°, 8%, 69%
HSV	170°, 7%, 72%
XYZ	42.0686, 45.8611, 50.3509
YIQ	179.1840, -6.5100, -3.1660

Conversions

Conversions Part 2

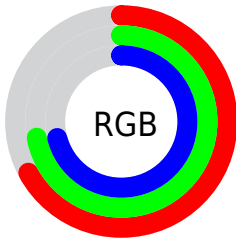
Format	Color
RYB	171, 178, 183
Decimal	11253685
CIELab	73.46, -4.54, -0.43
CIELCh	73, 4.558, 185.376
Yxy	45.8611, 0.3042, 0.3317
Android (android.graphics.Color)	4289443765 (0xFFABB7B5)
YUV	179.1840, 0.8953, -7.1774
Hunter-Lab	67.7208, -7.6261, 3.3221

Details

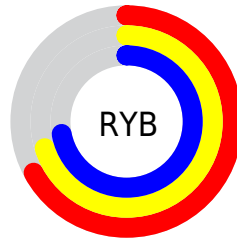
The XYZ color **42.0686, 45.8611, 50.3509** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **41.6359, 42.2115, 45.4906**, and the grayscale version is **42.9448, 45.1813, 49.2024**.

A 20% lighter version of the original color is **77.5166, 84.0162, 92.2519**, and **19.4867, 21.4457, 23.5345** is the 20% darker color. If you saturate the color by 10%, you get **38.0455, 43.8242, 48.5456**, and if you desaturate by 10%, it is **46.6531, 48.1892, 52.2202**.

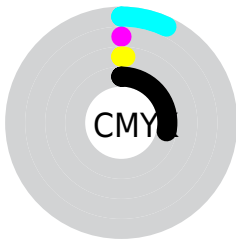
Distribution



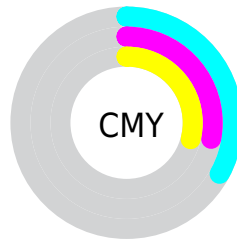
- Red (67%)
- Green (72%)
- Blue (71%)



- Red (67%)
- Yellow (70%)
- Blue (72%)



- Cyan (7%)
- Magenta (0%)
- Yellow (1%)
- Black (28%)



- Cyan (33%)
- Magenta (28%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.0686, 45.8611, 50.3509 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 42.0686, 45.8611, 50.3509 by changing the saturation by 10% instead.

■ 42.0686, 45.8611,
50.3509

■ 42.0686, 45.8611,
50.3509

345.7540,
370.2499, 404.8109

■ 29.3464, 32.1362,
35.3192

■ 77.5680, 84.0111,
92.0962

■ 19.4886, 21.4656,
23.6233

101.0758,
109.2050, 119.6469

■ 12.1299, 13.4647,
14.8448

128.9095,
138.9907, 152.2076

■ 6.9051, 7.7493,
8.5651

161.4345,
173.7526, 190.1969

■ 3.4486, 3.9350,
4.3657

199.0160,
213.8750, 234.0334

■ 1.3952, 1.6373,
1.8280

242.0196,

■ 0.2528, 0.3825,

259.7425, 284.1355

0.4464

290.8105,
311.7393, 340.9218

■ 0.0000, 0.0000,
0.0000

■ 42.0686, 45.8611,
50.3509

■ 42.0686, 45.8611,
50.3509

■ 38.0455, 43.8242,
48.5456

■ 46.6531, 48.1892,
52.2202

■ 34.5573, 42.0610,
46.8000

■ 51.8164, 50.8135,
54.1518

■ 31.5812, 40.5610,
45.1138

■ 57.5800, 53.7466,
56.1477

■ 29.0912, 39.3108,
43.4856

■ 63.9629, 56.9981,
58.2092

■ 27.0589, 38.2958,
41.9137

■ 68.1689, 59.1265,
60.2055

■ 25.4532, 37.5000,
40.3964

■ 68.5208, 59.2673,
62.0584

■ 24.2388, 36.9051,
38.9320

■ 68.8798, 59.4109,
63.9488

■ 23.3747, 36.4900,
37.5181

■ 69.2459, 59.5573,
65.8769

■ 22.8058, 36.2264,
36.1521

■ 69.6193, 59.7067,
67.8429

Harmonies

Analogous

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



42.1994, 45.8611, 48.1129



42.0686, 45.8611, 50.3509



42.3413, 45.8611, 52.5421

Triad

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



42.0686, 45.8611, 50.3509



44.4907, 45.8611, 53.6324



44.2369, 45.8611, 46.0175

Complementary

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



42.0686, 45.8611, 50.3509



41.6359, 42.2115, 45.4906

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.



44.8622, 45.8611, 47.4155



42.0686, 45.8611, 50.3509



45.0100, 45.8611, 51.8024

Square

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



42.0686, 45.8611, 50.3509



43.7346, 45.8611, 54.4736



45.1468, 45.8611, 49.5213



43.4449, 45.8611, 45.6557

Rectangle

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



42.0686, 45.8611, 50.3509



42.7172, 45.8611, 53.6674



45.1468, 45.8611, 49.5213



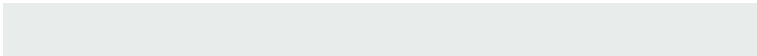
44.4738, 45.8611, 46.3797

Sweetspot

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



42.0699, 45.8630, 50.3519



78.9311, 83.9563, 91.6753



41.5635, 45.7163, 45.1624



17.4525, 18.5530, 20.2560



88.6918, 93.3107, 101.6153



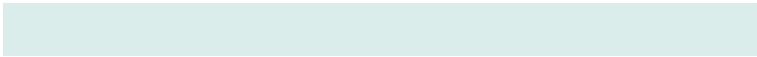
17.8044, 18.7317, 20.3988

Same Dimension

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



42.0699, 45.8630, 50.3519



74.1434, 81.5278, 89.6587



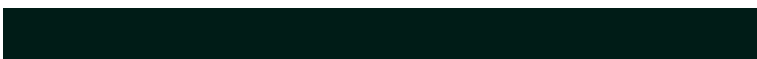
41.5035, 44.3989, 51.1844



9.2006, 10.1842, 11.2136



15.8151, 25.2270, 25.0122



0.5748, 0.8962, 0.9729

Inverse Universe

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



41.6359, 42.2115, 45.4906



73.1898, 73.5043, 78.9773



42.1718, 43.5912, 44.7201



9.0641, 9.0360, 9.6851



13.8093, 7.0975, 1.6168



0.5059, 0.2578, 0.1575

Previews

White Background



This preview shows how the XYZ color 42.0686, 45.8611, 50.3509 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 42.0686, 45.8611, 50.3509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

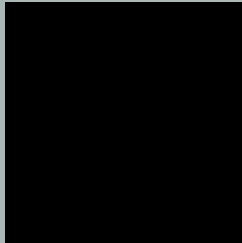
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

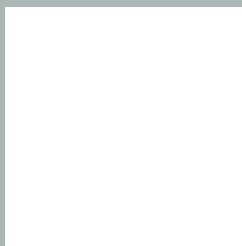
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.0686, 45.8611, 50.3509

Background



This preview shows how black text looks on a background with the XYZ color 42.0686, 45.8611, 50.3509.



This preview shows how white text looks on a background with the XYZ color 42.0686, 45.8611,

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

42.0686, 45.8611, 50.3509

Protanopia

44.0239, 45.6852, 49.1456

Deuteranopia

46.6422, 45.8146, 51.1845



Tritanopia

43.6078, 45.8721, 58.1856

Trichromacy



Original Color

42.0686, 45.8611, 50.3509

Protanomaly

43.1499, 45.5215, 49.6923

Deuteranomaly

44.8574, 45.7830, 50.7287

Tritanomaly

43.0355, 45.9443, 55.3151

Monochromacy



Original Color

42.0686, 45.8611, 50.3509

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

42.4640, 45.1679, 49.6602

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.0686, 45.8611, 50.3509 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(171, 183, 181)` looks like.

```
.text, #text, p{  
    color:rgb(171, 183, 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(171, 183, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 183, 181) }
```

Border

The CSS property to change the border of an element to XYZ 42.0686, 45.8611, 50.3509 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(171, 183, 181) }
```


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

```
.border{ border-color:rgb(171, 183, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 183, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 183, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 183, 181);  
box-shadow:4px 4px 4px 4px rgb(171, 183,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 42.0686, 45.8611, 50.3509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 183, 181) }
```

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

```
.background{ background-color: rgb(171,  
183, 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](#).

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