

Converting Colors

XYZ(42.1274, 46.8498, 51.3079)

Have a look what the booklet for
XYZ(42.1274, 46.8498, 51.3079)
contains.

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Color

**XYZ(42.1509, 46.8200,
51.0716)**

Conversions

Conversions Part 1

Format	Color
Hex	A8BAB6
RGB	168, 186, 182
RGB Percent	66%, 73%, 71%
CMY	0.3412, 0.2706, 0.2863
CMYK	0.10, 0.00, 0.02, 0.27
HSL	167°, 12%, 69%
HSV	167°, 10%, 73%
XYZ	42.1509, 46.8200, 51.0716
YIQ	180.1620, -9.4440, -5.0600

Conversions

Conversions Part 2

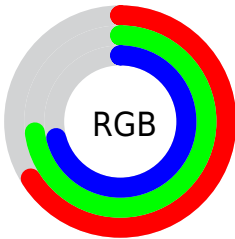
Format	Color
R_{YB}	168, 178, 186
Decimal	11057846
CIE _{Lab}	74.07, -6.96, -0.09
CIE _{LCh}	74, 6.959, 180.774
Yxy	46.8200, 0.3010, 0.3343
Android (android.graphics.Color)	4289247926 (0xFFA8BAB6)
YUV	180.1620, 0.9061, -10.6661
Hunter-Lab	68.4251, -9.7854, 3.6443

Details

The XYZ color **42.1509, 46.8200, 51.0716** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **41.7005, 41.4243, 44.8298**, and the grayscale version is **43.4694, 45.7332, 49.8035**.

A 20% lighter version of the original color is **77.6162, 85.3653, 93.2753**, and **19.5524, 22.0730, 23.9989** is the 20% darker color. If you saturate the color by 10%, you get **38.0500, 44.7558, 48.6822**, and if you desaturate by 10%, it is **46.8336, 49.1852, 53.5561**.

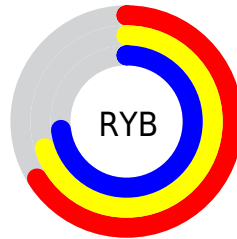
Distribution



Red (66%)

Green (73%)

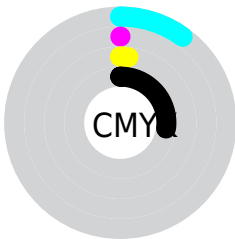
Blue (71%)



Red (66%)

Yellow (70%)

Blue (73%)

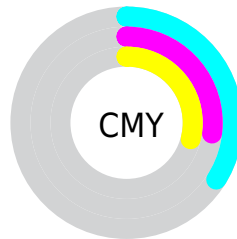


Cyan (10%)

Magenta (0%)

Yellow (2%)

Black (27%)



Cyan (34%)

Magenta (27%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.1509, 46.8200, 51.0716 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 42.1509, 46.8200, 51.0716 by changing the saturation by 10% instead.

■ 42.1509, 46.8200,
51.0716

■ 42.1509, 46.8200,
51.0716

346.0891,
374.0956, 407.6964

■ 29.4111, 32.8934,
35.8885

■ 77.6917, 85.4449,
93.1732

■ 19.5379, 22.0448,
24.0591

■ 101.2234,
110.9119, 120.9287

■ 12.1659, 13.8898,
15.1648

129.0831,
140.9946, 153.7121

■ 6.9298, 8.0441,
8.7872

161.6361,
176.0772, 191.9420

■ 3.4641, 4.1232,
4.5078

199.2479,
216.5442, 236.0368

■ 1.4037, 1.7427,
1.9078

242.2838,

■ 0.2589, 0.4511,

262.7800, 286.4151

0.4977

291.1090,
315.1690, 343.4955

■ 0.0000, 0.0000,
0.0000

■ 42.1509, 46.8200,
51.0716

■ 42.1509, 46.8200,
51.0716

■ 38.0500, 44.7558,
48.6822

■ 46.8336, 49.1852,
53.5561

■ 34.5027, 42.9744,
46.3831

■ 52.1166, 51.8571,
56.1341

■ 31.4848, 41.4644,
44.1736

■ 58.0227, 54.8487,
58.8083

■ 28.9684, 40.2115,
42.0517

■ 64.5722, 58.1705,
61.5801

■ 26.9230, 39.2000,
40.0155

■ 69.5410, 60.6760,
64.3461

■ 25.3149, 38.4125,
38.0627

■ 70.0396, 60.8754,
66.9714

■ 24.1058, 37.8294,
36.1911

■ 70.5514, 61.0801,
69.6665

■ 23.2504, 37.4272,
34.3978

■ 71.0765, 61.2902,
72.4318

■ 22.6612, 37.1609,
32.6783

■ 71.6151, 61.5056,
75.2679

Harmonies

Analogous

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



42.4452, 46.8200, 47.7055



42.1509, 46.8200, 51.0716



42.4765, 46.8200, 54.5665

Triad

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



42.1509, 46.8200, 51.0716



45.7366, 46.8200, 57.0969



45.6796, 46.8200, 45.2291

Complementary

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



42.1509, 46.8200, 51.0716



41.7005, 41.4243, 44.8298

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.



46.5888, 46.8200, 47.5524



42.1509, 46.8200, 51.0716



46.6222, 46.8200, 54.3989

Square

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



42.1509, 46.8200, 51.0716



44.5333, 46.8200, 58.1433



46.9369, 46.8200, 50.8866



44.4687, 46.8200, 44.4289

Rectangle

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



42.1509, 46.8200, 51.0716



43.0048, 46.8200, 56.4743



46.9369, 46.8200, 50.8866



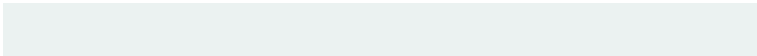
46.0315, 46.8200, 45.8523

Sweetspot

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



42.1522, 46.8220, 51.0726



81.9043, 87.6414, 95.5325



41.6855, 46.7403, 43.8714



17.8831, 19.2225, 20.9572



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



42.1522, 46.8220, 51.0726



74.4288, 83.8700, 91.4602



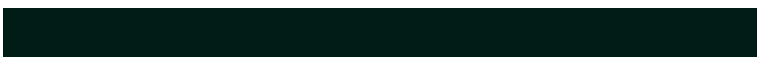
41.5775, 45.0009, 52.9513



9.1789, 10.1755, 11.0994



15.2622, 25.0058, 22.1003



0.5595, 0.8901, 0.8920

Inverse Universe

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



41.7005, 41.4243, 44.8298



73.4144, 71.7490, 77.4423



42.2244, 43.0782, 43.1362



9.0842, 9.0440, 9.7908



13.9206, 7.1420, 2.2028



0.5144, 0.2612, 0.2024

Previews

White Background



This preview shows how the XYZ color 42.1509, 46.8200, 51.0716 looks on a white background.

Color Contrast Check

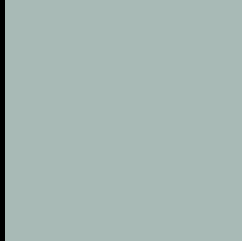
Large Text (above 18pt) WCAG AA × Fail

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 42.1509, 46.8200, 51.0716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

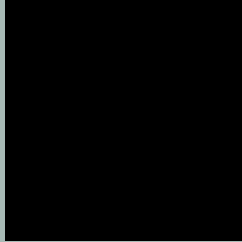
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

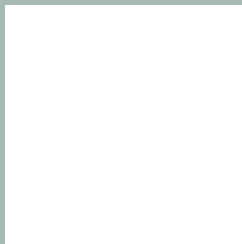
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.1509, 46.8200, 51.0716

Background



This preview shows how black text looks on a background with the XYZ color 42.1509, 46.8200, 51.0716.



This preview shows how white text looks on a background with the XYZ color 42.1509, 46.8200,

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

42.1509, 46.8200, 51.0716

Protanopia

44.9103, 46.7415, 49.3028

Deuteranopia

47.4658, 46.5171, 51.8244



Tritanopia

44.1281, 47.0161, 60.1753

Trichromacy



Original Color

42.1509, 46.8200, 51.0716

Protanomaly

43.7621, 46.7460, 49.8964

Deuteranomaly

45.3620, 46.6262, 51.4087

Tritanomaly

43.4410, 47.0497, 56.6611

Monochromacy



Original Color

42.1509, 46.8200, 51.0716

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

42.9729, 46.0222, 50.3343

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.1509, 46.8200, 51.0716 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(168, 186, 182)` looks like.

```
.text, #text, p{  
    color:rgb(168, 186, 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(168, 186, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 186, 182) }
```

Border

The CSS property to change the border of an element to XYZ 42.1509, 46.8200, 51.0716 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(168, 186, 182) }
```


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

```
.border{ border-color:rgb(168, 186, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 186, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 186, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 186, 182); box-shadow:4px 4px 4px 4px rgb(168, 186, 182) }
```

Background

The CSS property to change the background color of an element to XYZ 42.1509, 46.8200, 51.0716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 186, 182) }
```

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

```
.background{ background-color: rgb(168,  
186, 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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