

Converting Colors

XYZ(42.6730, 46.8500, 50.3638)

Have a look what the booklet for
XYZ(42.6730, 46.8500, 50.3638)
contains.

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Color

**XYZ(42.7027, 46.8048,
50.4996)**

Conversions

Conversions Part 1

Format	Color
Hex	ACB9B5
RGB	172, 185, 181
RGB Percent	67%, 73%, 71%
CMY	0.3255, 0.2745, 0.2902
CMYK	0.07, 0.00, 0.02, 0.27
HSL	162°, 8%, 70%
HSV	162°, 7%, 73%
XYZ	42.7027, 46.8048, 50.4996
YIQ	180.6570, -6.4640, -4.0000

Conversions

Conversions Part 2

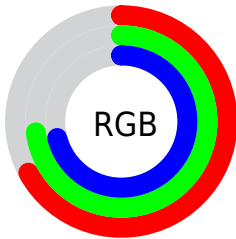
Format	Color
RYB	172, 180, 185
Decimal	11319733
CIELab	74.06, -5.26, 0.47
CIElCh	74, 5.281, 174.877
Yxy	46.8048, 0.3050, 0.3343
Android (android.graphics.Color)	4289509813 (0xFFACB9B5)
YUV	180.6570, 0.1691, -7.5922
Hunter-Lab	68.4140, -8.3084, 4.1251

Details

The XYZ color **42.7027, 46.8048, 50.4996** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.5983, 42.9551, 47.1225**, and the grayscale version is **43.7385, 46.0163, 50.1118**.

A 20% lighter version of the original color is **78.4199, 85.3559, 92.4629**, and **19.8933, 22.0541, 23.6305** is the 20% darker color. If you saturate the color by 10%, you get **38.3494, 44.6281, 47.3080**, and if you desaturate by 10%, it is **47.6478, 49.2865, 53.8456**.

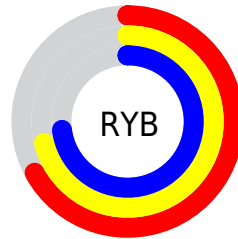
Distribution



Red (67%)

Green (73%)

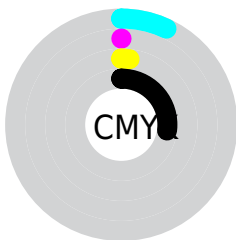
Blue (71%)



Red (67%)

Yellow (71%)

Blue (73%)

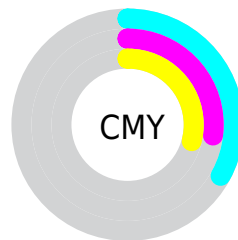


Cyan (7%)

Magenta (0%)

Yellow (2%)

Black (27%)



Cyan (33%)

Magenta (27%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.7027, 46.8048, 50.4996 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 42.7027, 46.8048, 50.4996 by changing the saturation by 10% instead.

■ 42.7027, 46.8048,
50.4996

■ 42.7027, 46.8048,
50.4996

348.3300,
374.0348, 405.4074

■ 29.8454, 32.8814,
35.4366

■ 78.5205, 85.4222,
92.3186

■ 19.8688, 22.0356,
23.7131

102.2118,
110.8849, 119.9116

■ 12.4074, 13.8830,
14.9107

130.2452,
140.9629, 152.5184

■ 7.0959, 8.0394,
8.6108

162.9859,
176.0404, 190.5574

■ 3.5690, 4.1201,
4.3949

200.7994,
216.5020, 234.4473

■ 1.4613, 1.7410,
1.8444

244.0510,

■ 0.2993, 0.4500,

262.7320, 284.6066

0.4570

293.1061,
315.1148, 341.4538

■ 0.0000, 0.0000,
0.0000

■ 42.7027, 46.8048,
50.4996

■ 42.7027, 46.8048,
50.4996

■ 38.3494, 44.6281,
47.3080

■ 47.6478, 49.2865,
53.8456

■ 34.5605, 42.7382,
44.2651

■ 53.2029, 52.0785,
57.3453

■ 31.3121, 41.1244,
41.3692

■ 59.3903, 55.1937,
61.0023

■ 28.5773, 39.7726,
38.6177

■ 66.2300, 58.6423,
64.8188

■ 26.3265, 38.6677,
36.0074

■ 70.1578, 60.5869,
68.6293

■ 24.5273, 37.7930,
33.5354

■ 70.8780, 60.8750,
72.4215

■ 23.1429, 37.1296,
31.1983

■ 71.6236, 61.1732,
76.3479

■ 22.1306, 36.6555,
28.9925

■ 72.3950, 61.4818,
80.4099

■ 21.4307, 36.3400,
26.9134

■ 73.1923, 61.8007,
84.6088

Harmonies

Analogous

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



43.0181, 46.8048, 48.0292



42.7027, 46.8048, 50.4996



42.8598, 46.8048, 53.1812

Triad

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



42.7027, 46.8048, 50.4996



45.2547, 46.8048, 55.8265



45.5393, 46.8048, 46.8269

Complementary

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



42.7027, 46.8048, 50.4996



42.5983, 42.9551, 47.1225

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.



46.1540, 46.8048, 48.8063



42.7027, 46.8048, 50.4996



45.9881, 46.8048, 54.0128

Square

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



42.7027, 46.8048, 50.4996



44.3246, 46.8048, 56.3186



46.3194, 46.8048, 51.4282



44.6489, 46.8048, 45.9572

Rectangle

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



42.7027, 46.8048, 50.4996



43.2124, 46.8048, 54.7199



46.3194, 46.8048, 51.4282



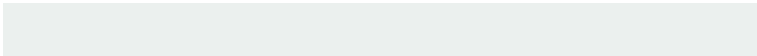
45.7855, 46.8048, 47.3811

Sweetspot

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



42.7040, 46.8068, 50.5006



80.7673, 85.9761, 93.3998



42.7278, 46.9223, 45.8353



17.4321, 18.5449, 20.1488



88.6918, 93.3107, 101.6153



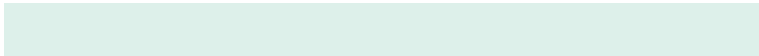
17.8044, 18.7317, 20.3988

Same Dimension

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



42.7040, 46.8068, 50.5006



75.5680, 83.3701, 89.7980



42.6262, 45.9844, 52.5306



9.1458, 10.1623, 10.9249



14.5020, 24.7017, 18.0972



0.5376, 0.8813, 0.7766

Inverse Universe

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



42.5983, 42.9551, 47.1225



75.3506, 75.4492, 82.8511



42.6657, 43.7146, 45.2194



9.1154, 9.0565, 9.9552



14.1545, 7.2356, 3.4346



0.5276, 0.2665, 0.2716

Previews

White Background



This preview shows how the XYZ color 42.7027, 46.8048, 50.4996 looks on a white background.

Color Contrast Check

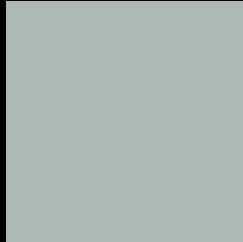
Large Text (above 18pt) WCAG AA × Fail

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 42.7027, 46.8048, 50.4996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

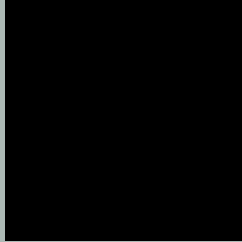
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

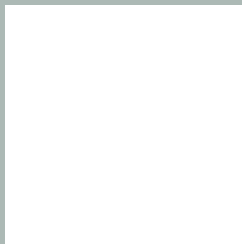
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.7027, 46.8048, 50.4996

Background



This preview shows how black text looks on a background with the XYZ color 42.7027, 46.8048, 50.4996.



This preview shows how white text looks on a background with the XYZ color 42.7027, 46.8048,

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

42.7027, 46.8048, 50.4996

Protanopia

44.9103, 46.7415, 49.3028

Deuteranopia

47.6258, 46.6117, 51.2866



Tritanopia

44.6907, 47.0122, 59.5421

Trichromacy



Original Color

42.7027, 46.8048, 50.4996

Protanomaly

44.0222, 46.5749, 49.8497

Deuteranomaly

45.5499, 46.4364, 50.8184

Tritanomaly

44.0000, 47.0412, 56.0510

Monochromacy



Original Color

42.7027, 46.8048, 50.4996

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

43.4285, 46.2571, 50.3556

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.7027, 46.8048, 50.4996 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(172, 185, 181)` looks like.

```
.text, #text, p{  
    color:rgb(172, 185, 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(172, 185, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 185, 181) }
```

Border

The CSS property to change the border of an element to XYZ 42.7027, 46.8048, 50.4996 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(172, 185, 181) }
```


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

```
.border{ border-color:rgb(172, 185, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 185, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 185, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 185, 181);  
box-shadow:4px 4px 4px 4px rgb(172, 185,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 42.7027, 46.8048, 50.4996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 185, 181) }
```

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

```
.background{ background-color: rgb(172,  
185, 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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