

Converting Colors

XYZ(42.5841, 46.4611, 49.0010)

Have a look what the booklet for
XYZ(42.5841, 46.4611, 49.0010)
contains.

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Color

**XYZ(42.6319, 46.4940,
48.8468)**

Conversions

Conversions Part 1

Format	Color
Hex	AEB8B2
RGB	174, 184, 178
RGB Percent	68%, 72%, 70%
CMY	0.3176, 0.2784, 0.3020
CMYK	0.05, 0.00, 0.03, 0.28
HSL	144°, 7%, 70%
HSV	144°, 5%, 72%
XYZ	42.6319, 46.4940, 48.8468
YIQ	180.3260, -4.0340, -3.9860

Conversions

Conversions Part 2

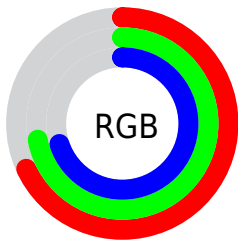
Format	Color
RYB	174, 181, 184
Decimal	11450546
CIELab	73.86, -4.61, 1.83
CIELCh	74, 4.962, 158.299
Yxy	46.4940, 0.3090, 0.3370
Android (android.graphics.Color)	4289640626 (0xFFFAEB8B2)
YUV	180.3260, -1.1467, -5.5479
Hunter-Lab	68.1865, -7.7238, 5.2570

Details

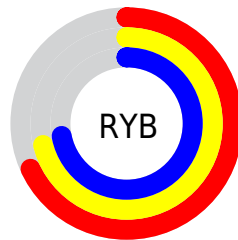
The XYZ color **42.6319, 46.4940, 48.8468** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.1431, 43.7589, 49.3546**, and the grayscale version is **43.5662, 45.8350, 49.9143**.

A 20% lighter version of the original color is **78.3245, 84.9187, 90.1047**, and **19.8440, 21.8508, 22.5738** is the 20% darker color. If you saturate the color by 10%, you get **37.7458, 44.0994, 43.0621**, and if you desaturate by 10%, it is **48.1715, 49.2177, 55.1299**.

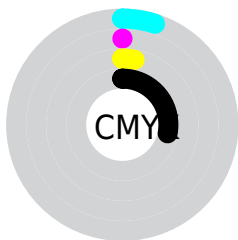
Distribution



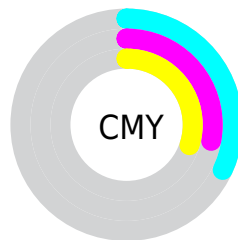
- Red (68%)
- Green (72%)
- Blue (70%)



- Red (68%)
- Yellow (71%)
- Blue (72%)



- Cyan (5%)
- Magenta (0%)
- Yellow (3%)
- Black (28%)



- Cyan (32%)
- Magenta (28%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.6319, 46.4940, 48.8468 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 42.6319, 46.4940, 48.8468 by changing the saturation by 10% instead.

■ 42.6319, 46.4940,
48.8468

■ 42.6319, 46.4940,
48.8468

348.0430,
372.7911, 398.7440

■ 29.7897, 32.6358,
34.1332

■ 78.4143, 84.9578,
89.8425

■ 19.8263, 21.8476,
22.7178

102.0851,
110.3323, 116.9617

■ 12.3764, 13.7450,
14.1819

130.0962,
140.3143, 149.0532

■ 7.0746, 7.9435,
8.1071

162.8129,
175.2882, 186.5356

■ 3.5555, 4.0588,
4.0748

200.6006,
215.6384, 229.8273

■ 1.4539, 1.7065,
1.6665

243.8246,

■ 0.2941, 0.4279,

261.7494, 279.3469

0.3376

292.8503,
314.0055, 335.5129

■ 0.0000, 0.0000,
0.0000

■ 42.6319, 46.4940,
48.8468

■ 42.6319, 46.4940,
48.8468

■ 37.7458, 44.0994,
43.0621

■ 48.1715, 49.2177,
55.1299

■ 33.4845, 42.0156,
37.7607

■ 54.3840, 52.2766,
61.9201

■ 29.8229, 40.2311,
32.9311

■ 61.2930, 55.6837,
69.2295

■ 26.7326, 38.7315,
28.5602

■ 68.9197, 59.4497,
77.0691

■ 24.1830, 37.5014,
24.6343

■ 73.1197, 61.4381,
85.2545

■ 22.1404, 36.5236,
21.1389

■ 74.7491, 62.0899,
93.8351

■ 20.5669, 35.7790,
18.0588

■ 76.4314, 62.7628,
102.6938

■ 19.4193, 35.2455,
15.3778

■ 18.6441, 34.8960,
13.0783

Harmonies

Analogous

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



43.1469, 46.4940, 46.9021



42.6319, 46.4940, 48.8468



42.5318, 46.4940, 51.3294

Triad

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



42.6319, 46.4940, 48.8468



44.4367, 46.4940, 55.5911



45.5374, 46.4940, 47.6690

Complementary

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



42.6319, 46.4940, 48.8468



43.1431, 43.7589, 49.3546

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.



45.8931, 46.4940, 49.9252



42.6319, 46.4940, 48.8468



45.2521, 46.4940, 54.5379

Square

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



42.6319, 46.4940, 48.8468



43.5661, 46.4940, 55.2790



45.7880, 46.4940, 52.4439



44.8221, 46.4940, 46.2380

Rectangle

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



42.6319, 46.4940, 48.8468



42.7126, 46.4940, 52.9651



45.7880, 46.4940, 52.4439



45.7034, 46.4940, 48.3531

Sweetspot

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



42.6332, 46.4960, 48.8478



80.5620, 85.8939, 92.3185



43.6434, 47.0625, 46.8287



17.3901, 18.5281, 19.9278



88.6918, 93.3107, 101.6153



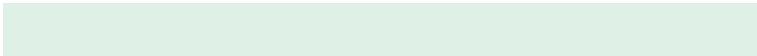
17.8044, 18.7317, 20.3988

Same Dimension

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



42.6332, 46.4960, 48.8478



75.7101, 83.5116, 86.7205



43.1275, 46.6937, 51.4507



9.2434, 10.2202, 10.5867



12.6882, 23.9762, 8.5460



0.4781, 0.8575, 0.4636

Inverse Universe

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



43.1431, 43.7589, 49.3546



76.9065, 77.0886, 87.9095



42.6589, 43.5652, 46.8046



9.3969, 9.3957, 10.7394



15.6145, 7.8196, 11.1227



0.5801, 0.2875, 0.5484

Previews

White Background



This preview shows how the XYZ color 42.6319, 46.4940, 48.8468 looks on a white background.

Color Contrast Check

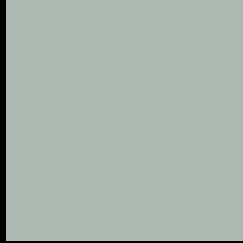
Large Text (above 18pt) WCAG AA × Fail

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 42.6319, 46.4940, 48.8468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

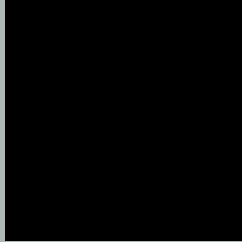
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

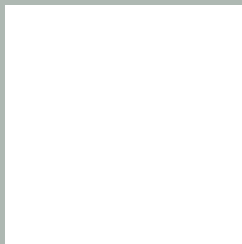
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.6319, 46.4940, 48.8468

Background



This preview shows how black text looks on a background with the XYZ color 42.6319, 46.4940, 48.8468.



This preview shows how white text looks on a background with the XYZ color 42.6319, 46.4940,

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

42.6319, 46.4940, 48.8468

Protanopia

44.6100, 46.6214, 47.7219

Deuteranopia

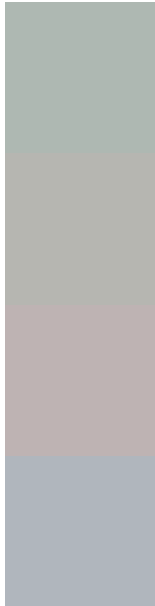
47.3167, 46.4881, 49.6593



Tritanopia

44.6191, 46.3804, 58.8252

Trichromacy



Original Color

42.6319, 46.4940, 48.8468

Protanomaly

43.9552, 46.5753, 48.2682

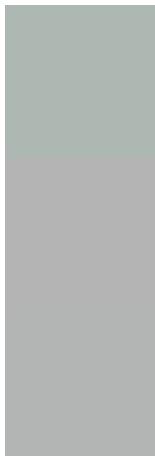
Deuteranomaly

45.4920, 46.4420, 49.2143

Tritanomaly

43.8178, 46.3601, 54.7831

Monochromacy



Original Color

42.6319, 46.4940, 48.8468

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

43.0207, 45.7674, 49.2144

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.6319, 46.4940, 48.8468 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(174, 184, 178)` looks like.

```
.text, #text, p{  
    color:rgb(174, 184, 178)  
}
```

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(174, 184, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 184, 178) }
```

Border

The CSS property to change the border of an element to XYZ 42.6319, 46.4940, 48.8468 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(174, 184, 178) }
```


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

```
.border{ border-color:rgb(174, 184, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 184, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 184, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 184, 178);  
box-shadow:4px 4px 4px 4px rgb(174, 184,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 42.6319, 46.4940, 48.8468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 184, 178) }
```

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

```
.background{ background-color: rgb(174,  
184, 178) }
```

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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