

Converting Colors

XYZ(42.0601, 45.8516, 46.8167)

Have a look what the booklet for
XYZ(42.0601, 45.8516, 46.8167)
contains.

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Color

**XYZ(42.0290, 45.9216,
46.6930)**

Conversions

Conversions Part 1

Format	Color
Hex	AEB7AE
RGB	174, 183, 174
RGB Percent	68%, 72%, 68%
CMY	0.3176, 0.2823, 0.3176
CMYK	0.05, 0.00, 0.05, 0.28
HSL	120°, 6%, 70%
HSV	120°, 5%, 72%
XYZ	42.0290, 45.9216, 46.6930
YIQ	179.2830, -2.4750, -4.7070

Conversions

Conversions Part 2

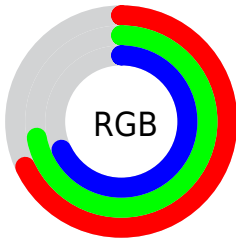
Format	Color
RYB	174, 183, 183
Decimal	11450286
CIELab	73.49, -4.83, 3.48
CIELCh	73, 5.951, 144.207
Yxy	45.9216, 0.3122, 0.3411
Android (android.graphics.Color)	4289640366 (0xFFFAEB7AE)
YUV	179.2830, -2.6045, -4.6332
Hunter-Lab	67.7655, -7.8816, 6.5828

Details

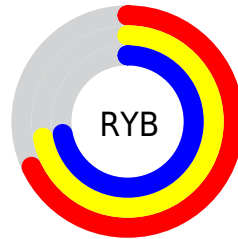
The XYZ color **42.0290, 45.9216, 46.6930** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.2134, 43.7594, 50.9707**, and the grayscale version is **43.0141, 45.2542, 49.2818**.

A 20% lighter version of the original color is **77.3225, 84.0482, 86.2763**, and **19.5215, 21.5080, 21.5349** is the 20% darker color. If you saturate the color by 10%, you get **36.5623, 43.2970, 37.7502**, and if you desaturate by 10%, it is **48.2969, 48.9337, 56.9440**.

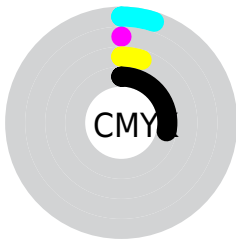
Distribution



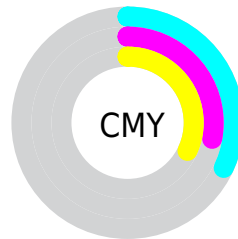
- Red (68%)
- Green (72%)
- Blue (68%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.0290, 45.9216, 46.6930 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 42.0290, 45.9216, 46.6930 by changing the saturation by 10% instead.

■ 42.0290, 45.9216,
46.6930

■ 42.0290, 45.9216,
46.6930

345.5927,
370.4934, 389.9460

■ 29.3152, 32.1840,
32.4404

■ 77.5084, 84.1017,
86.6004

■ 19.4649, 21.5020,
21.4305

101.0047,
109.3129, 113.0922

■ 12.1127, 13.4915,
13.2448

128.8259,
139.1174, 144.5009

■ 6.8932, 7.7678,
7.4646

161.3374,
173.8996, 181.2450

■ 3.4411, 3.9468,
3.6715

198.9044,
214.0439, 223.7430

■ 1.3911, 1.6438,
1.4469

241.8924,

■ 0.2499, 0.3869,

259.9347, 272.4135

0.1779

290.6667,
311.9564, 327.6750

■ 0.0000, 0.0000,
0.0000

■ 42.0290, 45.9216,
46.6930

■ 42.0290, 45.9216,
46.6930

■ 36.5623, 43.2970,
37.7502

■ 48.2969, 48.9337,
56.9440

■ 31.8609, 41.0387,
30.0603

■ 55.3923, 52.3421,
68.5497

■ 27.8917, 39.1321,
23.5680

■ 63.3454, 56.1623,
81.5580

■ 24.6180, 37.5596,
18.2133

■ 72.1832, 60.4076,
96.0137

■ 21.9998, 36.3019,
13.9306

■ 76.2244, 62.3487,
102.6248

■ 19.9928, 35.3379,
10.6479

■ 18.5477, 34.6437,
8.2840

■ 17.6072, 34.1919,
6.7455

■ 17.1017, 33.9491,
5.9186

Harmonies

Analogous

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



42.8241, 45.9216, 44.9077



42.0290, 45.9216, 46.6930



41.6681, 45.9216, 49.4191

Triad

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



42.0290, 45.9216, 46.6930



43.4435, 45.9216, 55.9802



45.5156, 45.9216, 47.6660

Complementary

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



42.0290, 45.9216, 46.6930



43.2134, 43.7594, 50.9707

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.



45.6878, 45.9216, 50.5870



42.0290, 45.9216, 46.6930



44.4806, 45.9216, 55.4652

Square

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



42.0290, 45.9216, 46.6930



42.4763, 45.9216, 54.8417



45.3062, 45.9216, 53.4613



44.8392, 45.9216, 45.4535

Rectangle

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



42.0290, 45.9216, 46.6930



41.7180, 45.9216, 51.4341



45.3062, 45.9216, 53.4613



45.6348, 45.9216, 48.5944

Sweetspot

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



42.0303, 45.9236, 46.6940



79.4789, 84.2651, 90.5054



44.1039, 46.9926, 46.7909



17.5673, 18.6178, 20.0109



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.



42.0303, 45.9236, 46.6940



74.0434, 81.6542, 81.6148



42.4766, 46.1021, 49.0444



9.2448, 10.2304, 10.1599



11.8131, 23.6262, 3.9378



0.4164, 0.8329, 0.1388

Inverse Universe

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



43.2134, 43.7594, 50.9707



76.6497, 76.8867, 91.0361



42.7522, 43.5749, 48.5421



9.5947, 9.5903, 11.4248



19.5857, 9.4080, 32.0347



0.6904, 0.3317, 1.1293

Previews

White Background



This preview shows how the XYZ color 42.0290, 45.9216, 46.6930 looks on a white background.

Color Contrast Check

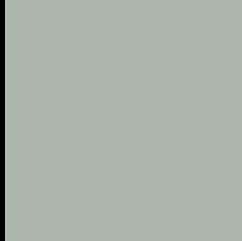
Large Text (above 18pt) WCAG AA × Fail

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 42.0290, 45.9216, 46.6930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

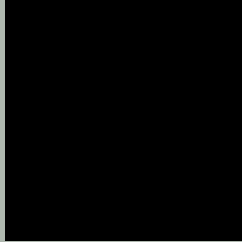
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

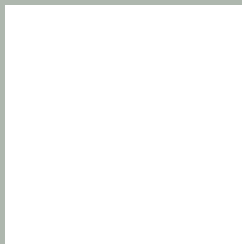
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.0290, 45.9216, 46.6930

Background



This preview shows how black text looks on a background with the XYZ color 42.0290, 45.9216, 46.6930.



This preview shows how white text looks on a background with the XYZ color 42.0290, 45.9216,

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

42.0290, 45.9216, 46.6930

Protanopia

43.7752, 45.9354, 45.5889

Deuteranopia

46.5257, 45.5488, 47.4139



Tritanopia

44.1903, 45.8847, 57.5665

Trichromacy



Original Color

42.0290, 45.9216, 46.6930

Protanomaly

43.1228, 45.8886, 46.1197

Deuteranomaly

44.6952, 45.4866, 46.9815

Tritanomaly

43.3980, 45.8657, 53.5794

Monochromacy



Original Color

42.0290, 45.9216, 46.6930

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

42.3885, 45.1640, 48.0784

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.0290, 45.9216, 46.6930 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, 183, 174)` looks like.

```
.text, #text, p{  
    color:rgb(174, 183, 174)  
}
```

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, 183, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 183, 174) }
```

Border

The CSS property to change the border of an element to XYZ 42.0290, 45.9216, 46.6930 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, 183, 174) }
```


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

```
.border{ border-color:rgb(174, 183, 174) }
```

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

Here you see how a box with a 4 pixel rgb(174, 183, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 183, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 183, 174);  
box-shadow:4px 4px 4px 4px rgb(174, 183,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 42.0290, 45.9216, 46.6930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 183, 174) }
```

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

```
.background{ background-color: rgb(174,  
183, 174) }
```

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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