

Converting Colors

XYZ(41.9712, 45.2950, 46.0659)

Have a look what the booklet for
XYZ(41.9712, 45.2950, 46.0659)
contains.

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Color

**XYZ(41.9712, 45.2950,
46.0659)**

Conversions

Conversions Part 1

Format	Color
Hex	B0B5AD
RGB	176, 181, 173
RGB Percent	69%, 71%, 68%
CMY	0.3098, 0.2902, 0.3216
CMYK	0.03, 0.00, 0.04, 0.29
HSL	98°, 5%, 69%
HSV	98°, 4%, 71%
XYZ	41.9712, 45.2950, 46.0659
YIQ	178.5930, -0.4120, -3.5480

Conversions

Conversions Part 2

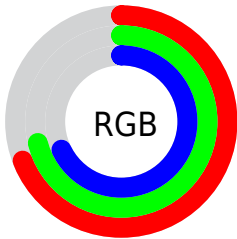
Format	Color
RYB	173, 181, 178
Decimal	11580845
CIELab	73.09, -3.24, 3.45
CIELCh	73, 4.735, 133.164
Yxy	45.2950, 0.3148, 0.3397
Android (android.graphics.Color)	4289770925 (0xFFB0B5AD)
YUV	178.5930, -2.7573, -2.2741
Hunter-Lab	67.3016, -6.4600, 6.5289

Details

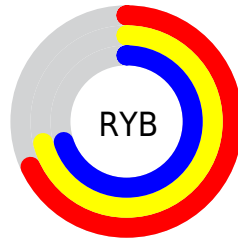
The XYZ color **41.9712, 45.2950, 46.0659** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **41.6460, 42.6896, 49.7634**, and the grayscale version is **42.6467, 44.8676, 48.8608**.

A 20% lighter version of the original color is **77.5665, 83.3256, 85.3940**, and **19.4825, 21.1039, 21.1358** is the 20% darker color. If you saturate the color by 10%, you get **37.8844, 43.3784, 37.3429**, and if you desaturate by 10%, it is **46.5112, 47.4205, 56.0507**.

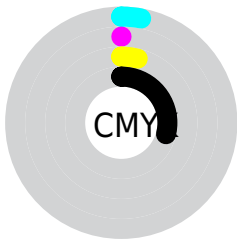
Distribution



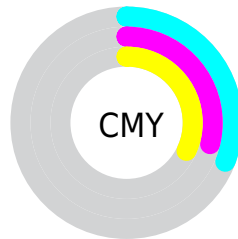
- Red (69%)
- Green (71%)
- Blue (68%)



- Red (68%)
- Yellow (71%)
- Blue (70%)



- Cyan (3%)
- Magenta (0%)
- Yellow (4%)
- Black (29%)



- Cyan (31%)
- Magenta (29%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.9712, 45.2950, 46.0659 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 41.9712, 45.2950, 46.0659 by changing the saturation by 10% instead.

■ 41.9712, 45.2950,
46.0659

■ 41.9712, 45.2950,
46.0659

345.3572,
367.9670, 387.3588

■ 29.2698, 31.6899,
31.9488

■ 77.4215, 83.1629,
85.6529

■ 19.4303, 21.1247,
21.0579

100.9010,
108.1945, 111.9599

■ 12.0874, 13.2152,
12.9747

128.7039,
137.8036, 143.1673

■ 6.8759, 7.5769,
7.2806

161.1957,
172.3747, 179.6936

■ 3.4302, 3.8254,
3.5571

198.7415,
212.2923, 221.9574

■ 1.3852, 1.5764,
1.3857

241.7068,

■ 0.2456, 0.3416,

257.9405, 270.3771

0.1305

290.4569,
309.7040, 325.3714

■ 0.0000, 0.0000,
0.0000

■ 41.9712, 45.2950,
46.0659

■ 41.9712, 45.2950,
46.0659

■ 37.8844, 43.3784,
37.3429

■ 46.5112, 47.4205,
56.0507

■ 34.2324, 41.6582,
29.8286

■ 51.5145, 49.7550,
67.3416

■ 31.0009, 40.1297,
23.4704

■ 56.9957, 52.3065,
79.9845

■ 28.1735, 38.7856,
18.2108

■ 62.9676, 55.0806,
94.0221

■ 25.7324, 37.6181,
13.9874

■ 68.0427, 57.5229,
102.1245

■ 23.6586, 36.6189,
10.7314

■ 71.8476, 59.4844,
102.3026

■ 21.9310, 35.7789,
8.3658

■ 75.8148, 61.5295,
102.4883

■ 20.5260, 35.0878,
6.8019

■ 19.4161, 34.5337,
5.9323

Harmonies

Analogous

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



42.6898, 45.2950, 45.0092



41.9712, 45.2950, 46.0659



41.5451, 45.2950, 48.0093

Triad

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



41.9712, 45.2950, 46.0659



42.5919, 45.2950, 53.8143



44.6210, 45.2950, 48.2871

Complementary

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



41.9712, 45.2950, 46.0659



41.6460, 42.6896, 49.7634

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.



44.5940, 45.2950, 50.6514



41.9712, 45.2950, 46.0659



43.4153, 45.2950, 53.8945

Square

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



41.9712, 45.2950, 46.0659



41.9003, 45.2950, 52.5051



44.1503, 45.2950, 52.7208



44.2237, 45.2950, 46.2636

Rectangle

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



41.9712, 45.2950, 46.0659



41.4808, 45.2950, 49.5707



44.1503, 45.2950, 52.7208



44.6614, 45.2950, 49.0672

Sweetspot

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



41.9725, 45.2969, 46.0669



77.8434, 82.3746, 88.3303



42.5078, 44.6570, 45.9152



16.8341, 17.8085, 19.1119



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



41.9725, 45.2969, 46.0669



74.6584, 80.8828, 81.3972



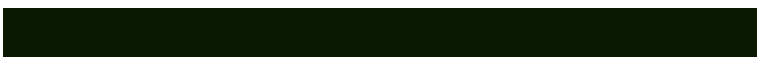
41.3923, 44.9874, 46.5131



9.0181, 9.7987, 9.7820



13.0984, 23.6625, 3.8770



0.4781, 0.7785, 0.1251

Inverse Universe

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



41.6460, 42.6896, 49.7634



73.9891, 75.5376, 88.9752



42.2464, 43.0101, 49.2930



8.9291, 9.0878, 10.7898



10.5373, 4.7680, 30.5019



0.3936, 0.1820, 0.9626

Previews

White Background



This preview shows how the XYZ color 41.9712, 45.2950, 46.0659 looks on a white background.

Color Contrast Check

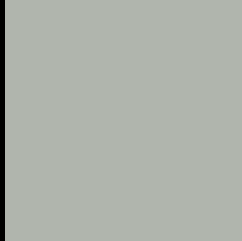
Large Text (above 18pt) WCAG AA × Fail

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 41.9712, 45.2950, 46.0659 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

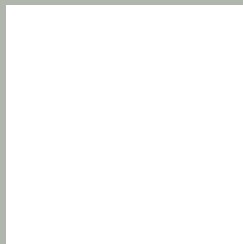
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.9712, 45.2950, 46.0659

Background



This preview shows how black text looks on a background with the XYZ color 41.9712, 45.2950, 46.0659.



This preview shows how white text looks on a background with the XYZ color 41.9712, 45.2950,

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

41.9712, 45.2950, 46.0659

Protanopia

43.3337, 45.4091, 45.5106

Deuteranopia

45.9701, 44.9881, 46.8181



Tritanopia

44.0252, 45.2303, 56.2791

Trichromacy



Original Color

41.9712, 45.2950, 46.0659

Protanomaly

42.8237, 45.4448, 45.5444

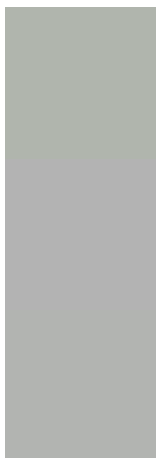
Deuteranomaly

44.4005, 45.0538, 46.4005

Tritanomaly

43.2372, 45.2080, 52.3461

Monochromacy



Original Color

41.9712, 45.2950, 46.0659

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

42.6172, 45.2818, 48.0891

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.9712, 45.2950, 46.0659 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(176, 181, 173)` looks like.

```
.text, #text, p{  
    color:rgb(176, 181, 173)  
}
```

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(176, 181, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 181, 173) }
```

Border

The CSS property to change the border of an element to XYZ 41.9712, 45.2950, 46.0659 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(176, 181, 173) }
```


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

```
.border{ border-color:rgb(176, 181, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 181, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 181, 173); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 181, 173); box-shadow:4px 4px 4px 4px rgb(176, 181, 173) }
```

Background

The CSS property to change the background color of an element to XYZ 41.9712, 45.2950, 46.0659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 181, 173) }
```

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

```
.background{ background-color: rgb(176,  
181, 173) }
```

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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