

Converting Colors

XYZ(42.4752, 45.1644, 47.8745)

Have a look what the booklet for
XYZ(42.4752, 45.1644, 47.8745)
contains.

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Color

**XYZ(42.6172, 45.2818,
48.0891)**

Conversions

Conversions Part 1

Format	Color
Hex	B2B4B1
RGB	178, 180, 177
RGB Percent	70%, 71%, 69%
CMY	0.3020, 0.2941, 0.3059
CMYK	0.01, 0.00, 0.02, 0.29
HSL	100°, 2%, 70%
HSV	100°, 2%, 71%
XYZ	42.6172, 45.2818, 48.0891
YIQ	179.0600, -0.2290, -1.3570

Conversions

Conversions Part 2

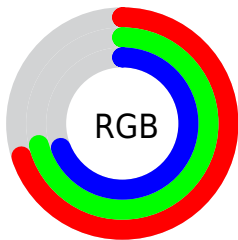
Format	Color
RYB	177, 180, 179
Decimal	11711665
CIELab	73.08, -1.26, 1.27
CIELCh	73, 1.789, 134.688
Yxy	45.2818, 0.3134, 0.3330
Android (android.graphics.Color)	4289901745 (0xFFB2B4B1)
YUV	179.0600, -1.0156, -0.9296
Hunter-Lab	67.2918, -4.7130, 4.7335

Details

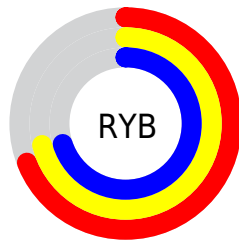
The XYZ color **42.6172, 45.2818, 48.0891** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.5524, 44.3245, 49.4950**, and the grayscale version is **42.8861, 45.1195, 49.1352**.

A 20% lighter version of the original color is **78.6351, 83.3665, 89.0376**, and **19.6849, 20.9940, 22.0835** is the 20% darker color. If you saturate the color by 10%, you get **38.3051, 43.2540, 39.1313**, and if you desaturate by 10%, it is **47.4097, 47.5325, 58.3068**.

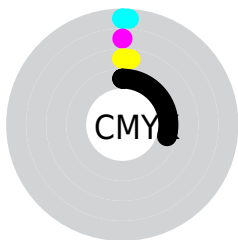
Distribution



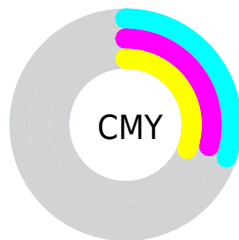
- Red (70%)
- Green (71%)
- Blue (69%)



- Red (69%)
- Yellow (71%)
- Blue (70%)



- Cyan (1%)
- Magenta (0%)
- Yellow (2%)
- Black (29%)



- Cyan (30%)
- Magenta (29%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.6172, 45.2818, 48.0891 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 42.6172, 45.2818, 48.0891 by changing the saturation by 10% instead.

■ 42.6172, 45.2818,
48.0891

■ 42.6172, 45.2818,
48.0891

347.9834,
367.9137, 395.6641

■ 29.7781, 31.6794,
33.5370

■ 78.3922, 83.1431,
88.7040

■ 19.8175, 21.1168,
22.2636

102.0588,
108.1709, 115.6038

■ 12.3699, 13.2094,
13.8506

130.0653,
137.7759, 147.4566

■ 7.0701, 7.5729,
7.8792

162.7770,
172.3426, 184.6809

■ 3.5527, 3.8229,
3.9311

200.5593,
212.2553, 227.6953

■ 1.4523, 1.5750,
1.5876

243.7776,

■ 0.2931, 0.3406,

257.8984, 276.9182

0.2820

292.7972,
309.6564, 332.7683

0.0000, 0.0000,
0.0000

42.6172, 45.2818,
48.0891

42.6172, 45.2818,
48.0891

38.3051, 43.2540,
39.1313

47.4097, 47.5325,
58.3068

34.4543, 41.4363,
31.3816

52.6933, 50.0068,
69.8273

31.0498, 39.8236,
24.7892

58.4834, 52.7129,
82.6955

28.0744, 38.4082,
19.2984

64.7933, 55.6567,
96.9529

25.5098, 37.1819,
14.8490

69.6424, 58.0467,
102.1413

■ 23.3361, 36.1360,
11.3750

■ 73.8096, 60.1950,
102.3363

■ 21.5316, 35.2608,
8.8030

■ 75.6121, 61.1242,
102.4207

■ 20.0723, 34.5458,
7.0488

■ 18.9304, 33.9789,
6.0127

Harmonies

Analogous

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



42.8866, 45.2818, 47.6559



42.6172, 45.2818, 48.0891



42.4612, 45.2818, 48.8505

Triad

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



42.6172, 45.2818, 48.0891



42.8803, 45.2818, 50.9851



43.6237, 45.2818, 48.8685

Complementary

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



42.6172, 45.2818, 48.0891



42.5524, 44.3245, 49.4950

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.



43.6220, 45.2818, 49.7607



42.6172, 45.2818, 48.0891



43.1918, 45.2818, 50.9901

Square

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



42.6172, 45.2818, 48.0891



42.6126, 45.2818, 50.5261



43.4636, 45.2818, 50.5396



43.4682, 45.2818, 48.1021

Rectangle

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



42.6172, 45.2818, 48.0891



42.4420, 45.2818, 49.4452



43.4636, 45.2818, 50.5396



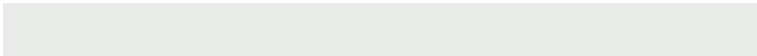
43.6415, 45.2818, 49.1635

Sweetspot

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



42.6185, 45.2837, 48.0901



77.8113, 82.3581, 88.3288



42.8801, 45.1197, 48.0446



16.8275, 17.8051, 19.1116



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.



42.6185, 45.2837, 48.0901



76.9710, 81.9632, 86.5589



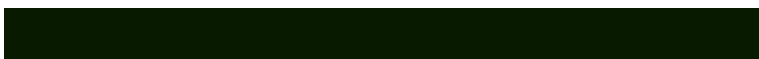
42.4398, 45.1859, 48.3426



9.3627, 9.9598, 10.5457



12.7541, 23.4850, 3.8609



0.4647, 0.7716, 0.1244

Inverse Universe

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



42.5524, 44.3245, 49.4950



76.8254, 79.8474, 89.6576



42.7335, 44.4237, 49.2378



9.3465, 9.7243, 10.8907



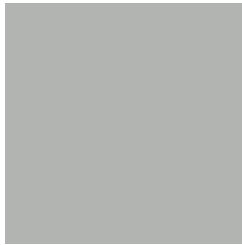
11.2347, 5.1275, 30.5346



0.4122, 0.1916, 0.9635

Previews

White Background



This preview shows how the XYZ color 42.6172, 45.2818, 48.0891 looks on a white background.

Color Contrast Check

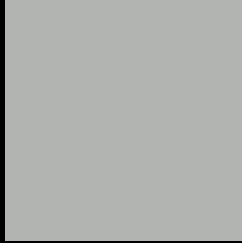
Large Text (above 18pt) WCAG AA × Fail

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 42.6172, 45.2818, 48.0891 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

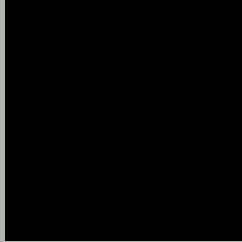
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

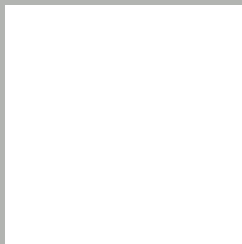
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.6172, 45.2818, 48.0891

Background



This preview shows how black text looks on a background with the XYZ color 42.6172, 45.2818, 48.0891.



This preview shows how white text looks on a background with the XYZ color 42.6172, 45.2818,

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

42.6172, 45.2818, 48.0891

Protanopia

43.2853, 45.0427, 47.4870

Deuteranopia

46.1979, 45.3568, 48.4393



Tritanopia

44.2572, 45.3499, 56.2900

Trichromacy



Original Color

42.6172, 45.2818, 48.0891

Protanomaly

43.0126, 45.1985, 47.5315

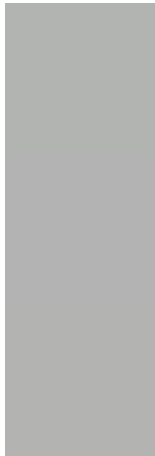
Deuteranomaly

44.7964, 45.2122, 48.4853

Tritanomaly

43.6801, 45.4118, 53.4769

Monochromacy



Original Color

42.6172, 45.2818, 48.0891

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

42.7464, 45.0383, 48.5598

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.6172, 45.2818, 48.0891 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(178, 180, 177)` looks like.

```
.text, #text, p{  
    color:rgb(178, 180, 177)  
}
```

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(178, 180, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 180, 177) }
```

Border

The CSS property to change the border of an element to XYZ 42.6172, 45.2818, 48.0891 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(178, 180, 177) }
```


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

```
.border{ border-color:rgb(178, 180, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 180, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 180, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 180, 177);  
box-shadow:4px 4px 4px 4px rgb(178, 180,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 42.6172, 45.2818, 48.0891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 180, 177) }
```

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

```
.background{ background-color: rgb(178,  
180, 177) }
```

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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