

Converting Colors

XYZ(42.7781, 45.0453, 49.0737)

Have a look what the booklet for
XYZ(42.7781, 45.0453, 49.0737)
contains.

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Color

**XYZ(42.8472, 45.0786,
49.0906)**

Conversions

Conversions Part 1

Format	Color
Hex	B3B3B3
RGB	179, 179, 179
RGB Percent	70%, 70%, 70%
CMY	0.2980, 0.2980, 0.2980
CMYK	0.00, 0.00, 0.00, 0.30
HSL	123°, 0%, 70%
HSV	123°, 0%, 70%
XYZ	42.8472, 45.0786, 49.0906
YIQ	179.0000, -0.0000, -0.0000

Conversions

Conversions Part 2

Format	Color
RYB	179, 179, 179
Decimal	11776947
CIELab	72.94, 0.00, -0.01
CIElCh	73, 0.009, 296.640
Yxy	45.0786, 0.3127, 0.3290
Android (android.graphics.Color)	4289967027 (0xFFB3B3B3)
YUV	179.0000, 0.0000, 0.0000
Hunter-Lab	67.1406, -3.5825, 3.6479

Details

The XYZ color **42.8472, 45.0786, 49.0906** is a light color, and the websafe version is hex **CCCCCC**, and the color name is **philippine silver**. A complement of this color would be **42.8489, 45.0797, 49.0930**, and the grayscale version is **42.8488, 45.0803, 49.0925**.

A 20% lighter version of the original color is **78.9647, 83.0770, 90.4708**, and **19.8309, 20.8637, 22.7206** is the 20% darker color. If you saturate the color by 10%, you get **37.3510, 42.4342, 40.3530**, and if you desaturate by 10%, it is **49.0979, 48.0897, 58.9865**.

Distribution



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



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



- Cyan (0%)
- Magenta (0%)
- Yellow (0%)
- Black (30%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.8472, 45.0786, 49.0906 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 42.8472, 45.0786, 49.0906 by changing the saturation by 10% instead.

■ 42.8472, 45.0786,
49.0906

■ 42.8472, 45.0786,
49.0906

348.9152,
367.0918, 399.7316

■ 29.9592, 31.5193,
34.3252

■ 78.7374, 82.8383,
90.2084

■ 19.9556, 20.9946,
22.8642

102.4703,
107.8076, 117.3979

■ 12.4708, 13.1201,
14.2889

130.5490,
137.3490, 149.5659

■ 7.1397, 7.5113,
8.1808

163.3387,
171.8470, 187.1308

■ 3.5967, 3.7839,
4.1214

201.2048,
211.6858, 230.5114

■ 1.4766, 1.5534,
1.6922

244.5127,

■ 0.3098, 0.3259,

257.2500, 280.1260

0.3554

293.6277,
308.9238, 336.3932

0.0000, 0.0000,
0.0000

42.8472, 45.0786,
49.0906

42.8472, 45.0786,
49.0906

37.3510, 42.4342,
40.3530

49.0979, 48.0897,
58.9865

32.5771, 40.1370,
32.7286

56.1260, 51.4746,
70.0778

28.4966, 38.1743,
26.1736

63.9584, 55.2477,
82.4037

25.0773, 36.5305,
20.6401

72.6195, 59.4206,
96.0004

22.2843, 35.1888,
16.0767

75.4110, 60.7220,
102.3537

■ 20.0797, 34.1307,
12.4276

■ 18.4213, 33.3360,
9.6312

■ 17.2613, 32.7813,
7.6183

■ 16.5439, 32.4397,
6.3090

Harmonies

Analogous

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



42.8457, 45.0786, 49.0915



42.8472, 45.0786, 49.0906



42.8484, 45.0786, 49.0876

Triad

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



42.8472, 45.0786, 49.0906



42.8475, 45.0786, 49.0758



42.8429, 45.0786, 49.0824

Complementary

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



42.8472, 45.0786, 49.0906



42.8489, 45.0797, 49.0930

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.



42.8434, 45.0786, 49.0782



42.8472, 45.0786, 49.0906



42.8460, 45.0786, 49.0744

Square

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



42.8472, 45.0786, 49.0906



42.8485, 45.0786, 49.0791



42.8445, 45.0786, 49.0753



42.8432, 45.0786, 49.0868

Rectangle

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



42.8472, 45.0786, 49.0906



42.8488, 45.0786, 49.0849



42.8445, 45.0786, 49.0753



42.8429, 45.0786, 49.0809

Sweetspot

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



42.8485, 45.0805, 49.0916



76.7382, 80.7346, 87.9200



42.8492, 45.0809, 49.0915



17.0014, 17.8868, 19.4787



86.6293, 91.1408, 99.2523

Same Dimension

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



42.8485, 45.0805, 49.0916



76.7382, 80.7346, 87.9200



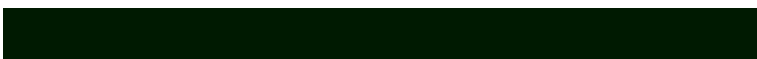
42.8486, 45.0806, 49.0924



9.5508, 10.0482, 10.9424



11.4282, 22.7972, 3.9916



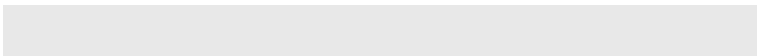
0.3646, 0.7193, 0.1519

Inverse Universe

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



42.8489, 45.0797, 49.0930



76.7382, 80.7346, 87.9200



42.8487, 45.0797, 49.0921



9.5508, 10.0482, 10.9424



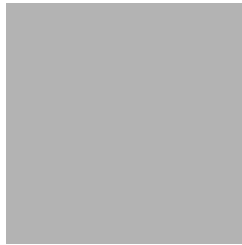
18.3453, 8.8557, 28.0419



0.5822, 0.2806, 0.9083

Previews

White Background



This preview shows how the XYZ color 42.8472, 45.0786, 49.0906 looks on a white background.

Color Contrast Check

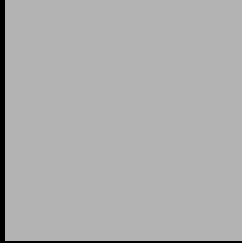
Large Text (above 18pt) WCAG AA × Fail

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 42.8472, 45.0786, 49.0906 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

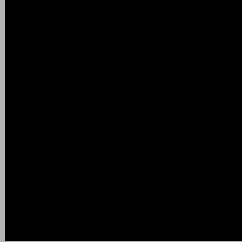
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

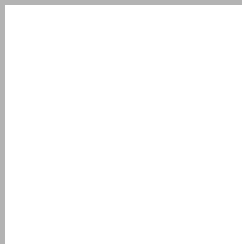
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.8472, 45.0786, 49.0906

Background



This preview shows how black text looks on a background with the XYZ color 42.8472, 45.0786, 49.0906.



This preview shows how white text looks on a background with the XYZ color 42.8472, 45.0786,

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

42.8472, 45.0786, 49.0906

Protanopia

43.2477, 45.0002, 48.5260

Deuteranopia

45.9467, 44.9182, 49.4284



Tritanopia

44.1822, 45.0296, 55.6532

Trichromacy



Original Color

42.8472, 45.0786, 49.0906

Protanomaly

43.0123, 44.8789, 48.5150

Deuteranomaly

44.8034, 44.9024, 49.4856

Tritanomaly

43.7124, 45.1319, 53.4212

Monochromacy



Original Color

42.8472, 45.0786, 49.0906

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

42.8472, 45.0786, 49.0906

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.8472, 45.0786, 49.0906 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(179, 179, 179)` looks like.

```
.text, #text, p{  
    color:rgb(179, 179, 179)  
}
```

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(179, 179, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 179, 179) }
```

Border

The CSS property to change the border of an element to XYZ 42.8472, 45.0786, 49.0906 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(179, 179, 179) }
```

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

```
.border{ border-color:rgb(179, 179, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 179, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 179, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 179, 179);  
box-shadow:4px 4px 4px 4px rgb(179, 179,  
179) }
```


Background

The CSS property to change the background color of an element to XYZ 42.8472, 45.0786, 49.0906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 179, 179) }
```

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

```
.background{ background-color: rgb(179,  
179, 179) }
```

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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