

Converting Colors

XYZ(42.9378, 45.0855, 48.2898)

Have a look what the booklet for
XYZ(42.9378, 45.0855, 48.2898)
contains.

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Color

**XYZ(42.8783, 45.1178,
48.0437)**

Conversions

Conversions Part 1

Format	Color
Hex	B4B3B1
RGB	180, 179, 177
RGB Percent	71%, 70%, 69%
CMY	0.2941, 0.2980, 0.3059
CMYK	0.00, 0.01, 0.02, 0.29
HSL	40°, 2%, 70%
HSV	40°, 2%, 71%
XYZ	42.8783, 45.1178, 48.0437
YIQ	179.0710, 1.2380, -0.4100

Conversions

Conversions Part 2

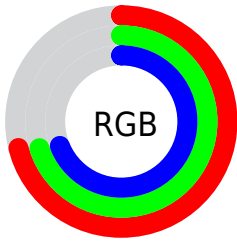
Format	Color
RYB	179, 180, 177
Decimal	11842481
CIELab	72.97, -0.01, 1.13
CIElCh	73, 1.135, 90.725
Yxy	45.1178, 0.3152, 0.3317
Android (android.graphics.Color)	4290032561 (0xFFB4B3B1)
YUV	179.0710, -1.0210, 0.8147
Hunter-Lab	67.1698, -3.6004, 4.6112

Details

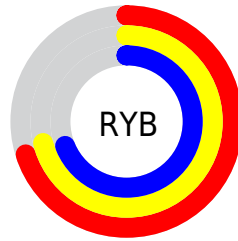
The XYZ color **42.8783, 45.1178, 48.0437** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.2902, 44.4827, 49.5377**, and the grayscale version is **42.8914, 45.1251, 49.1413**.

A 20% lighter version of the original color is **79.0084, 83.1327, 88.9728**, and **19.8513, 20.8890, 22.0545** is the 20% darker color. If you saturate the color by 10%, you get **40.0287, 42.1026, 38.8183**, and if you desaturate by 10%, it is **46.0191, 48.3356, 58.5349**.

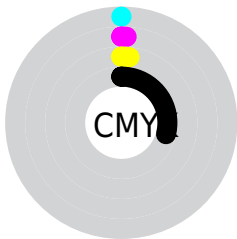
Distribution



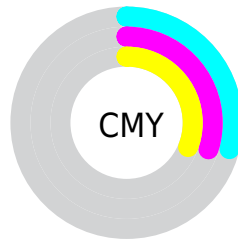
- Red (71%)
- Green (70%)
- Blue (69%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.8783, 45.1178, 48.0437 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 42.8783, 45.1178, 48.0437 by changing the saturation by 10% instead.

■ 42.8783, 45.1178,
48.0437

■ 42.8783, 45.1178,
48.0437

349.0410,
367.2504, 395.4790

■ 29.9837, 31.5502,
33.5013

■ 78.7840, 82.8972,
88.6357

■ 19.9743, 21.0182,
22.2365

102.5259,
107.8777, 115.5223

■ 12.4845, 13.1373,
13.8308

130.6143,
137.4314, 147.3608

■ 7.1491, 7.5232,
7.8657

163.4145,
171.9426, 184.5696

■ 3.6027, 3.7914,
3.9226

201.2920,
211.7957, 227.5672

■ 1.4799, 1.5576,
1.5830

244.6120,

■ 0.3121, 0.3287,

257.3751, 276.7723

0.2786

293.7399,
309.0652, 332.6034

■ 0.0000, 0.0000,
0.0000

■ 42.8783, 45.1178,
48.0437

■ 42.8783, 45.1178,
48.0437

■ 40.0287, 42.1026,
38.8183

■ 46.0191, 48.3356,
58.5349

■ 37.4568, 39.2792,
30.8072

■ 49.4568, 51.7549,
70.3349

■ 35.1532, 36.6442,
23.9595

■ 53.2013, 55.3823,
83.4884

■ 33.1069, 34.1922,
18.2197

■ 57.2613, 59.2220,
98.0370

■ 31.3058, 31.9172,
13.5276

■ 59.6515, 62.4810,
103.5238

■ 29.7367, 29.8127,
9.8175

■ 61.1459, 65.4699,
104.0220

■ 28.3849, 27.8719,
7.0158

■ 62.6960, 68.5702,
104.5387

■ 27.2340, 26.0868,
5.0388

■ 64.3024, 71.7829,
105.0741

■ 26.2642, 24.4485,
3.7867

■ 65.9656, 75.1093,
105.6285

Harmonies

Analogous

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



43.0695, 45.1178, 48.1809



42.8783, 45.1178, 48.0437



42.6889, 45.1178, 48.1945

Triad

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



42.8783, 45.1178, 48.0437



42.5568, 45.1178, 49.6846



43.2160, 45.1178, 49.6606

Complementary

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



42.8783, 45.1178, 48.0437



42.2902, 44.4827, 49.5377

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.



43.0779, 45.1178, 50.0686



42.8783, 45.1178, 48.0437



42.6973, 45.1178, 50.0826

Square

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



42.8783, 45.1178, 48.0437



42.5037, 45.1178, 49.1394



42.8879, 45.1178, 50.2237



43.2648, 45.1178, 49.1118

Rectangle

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



42.8783, 45.1178, 48.0437



42.5892, 45.1178, 48.4388



42.8879, 45.1178, 50.2237



43.1784, 45.1178, 49.8189

Sweetspot

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



42.8796, 45.1197, 48.0447



78.6606, 82.7571, 90.1225



42.5811, 44.3627, 48.4388



17.0014, 17.8868, 19.4787



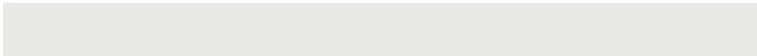
86.6293, 91.1408, 99.2523

Same Dimension

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



42.8796, 45.1197, 48.0447



77.5495, 81.6031, 86.4589



42.9639, 45.4609, 48.1061



9.4271, 9.9198, 10.5346



17.9038, 16.3061, 2.2038



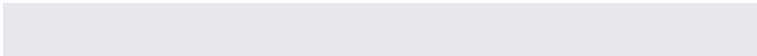
0.6142, 0.6148, 0.0863

Inverse Universe

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



42.2902, 44.4827, 49.5377



76.2481, 80.1965, 89.7554



42.2066, 44.1463, 49.4772



9.2822, 9.7632, 10.9016



6.9267, 4.6538, 30.6702



0.2729, 0.2563, 0.9833

Previews

White Background



This preview shows how the XYZ color 42.8783, 45.1178, 48.0437 looks on a white background.

Color Contrast Check

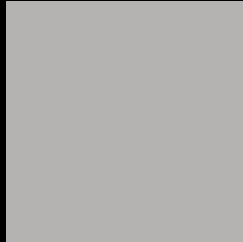
Large Text (above 18pt) WCAG AA × Fail

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 42.8783, 45.1178, 48.0437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

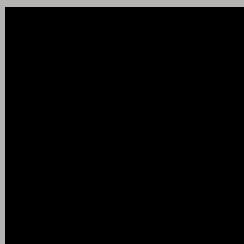
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

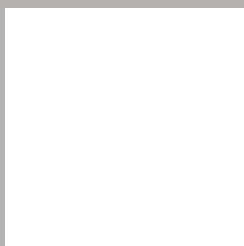
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.8783, 45.1178, 48.0437

Background



This preview shows how black text looks on a background with the XYZ color 42.8783, 45.1178, 48.0437.



This preview shows how white text looks on a background with the XYZ color 42.8783, 45.1178,

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

42.8783, 45.1178, 48.0437

Protanopia

43.3846, 45.0824, 48.0101

Deuteranopia

45.7444, 44.8373, 48.3629



Tritanopia

44.4175, 45.1510, 55.6642

Trichromacy



Original Color

42.8783, 45.1178, 48.0437

Protanomaly

43.1476, 44.9602, 47.9990

Deuteranomaly

44.6011, 44.8214, 48.4202

Tritanomaly

43.8394, 45.2097, 52.8701

Monochromacy



Original Color

42.8783, 45.1178, 48.0437

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 42.8783, 45.1178, 48.0437 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(180, 179, 177)` looks like.

```
.text, #text, p{  
    color:rgb(180, 179, 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(180, 179, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 179, 177) }
```

Border

The CSS property to change the border of an element to XYZ 42.8783, 45.1178, 48.0437 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(180, 179, 177) }
```

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

```
.border{ border-color:rgb(180, 179, 177) }
```

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

Here you see how a box with a 4 pixel rgb(180, 179, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 179, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 179, 177);  
box-shadow:4px 4px 4px 4px rgb(180, 179,  
177) }
```


Background

The CSS property to change the background color of an element to XYZ 42.8783, 45.1178, 48.0437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 179, 177) }
```

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

```
.background{ background-color: rgb(180,  
179, 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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