

Converting Colors

XYZ(42.3976, 45.2998, 48.2105)

Have a look what the booklet for
XYZ(42.3976, 45.2998, 48.2105)
contains.

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Color

**XYZ(42.3885, 45.1640,
48.0784)**

Conversions

Conversions Part 1

Format	Color
Hex	B1B4B1
RGB	177, 180, 177
RGB Percent	69%, 71%, 69%
CMY	0.3059, 0.2941, 0.3059
CMYK	0.02, 0.00, 0.02, 0.29
HSL	120°, 2%, 70%
HSV	120°, 2%, 71%
XYZ	42.3885, 45.1640, 48.0784
YIQ	178.7610, -0.8250, -1.5690

Conversions

Conversions Part 2

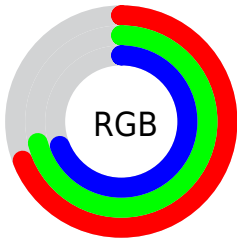
Format	Color
RYB	177, 180, 180
Decimal	11646129
CIELab	73.00, -1.61, 1.15
CIElCh	73, 1.979, 144.475
Yxy	45.1640, 0.3125, 0.3330
Android (android.graphics.Color)	4289836209 (0xFFB1B4B1)
YUV	178.7610, -0.8682, -1.5444
Hunter-Lab	67.2042, -5.0198, 4.6264

Details

The XYZ color **42.3885, 45.1640, 48.0784** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.7844, 44.4439, 49.5057**, and the grayscale version is **42.7264, 44.9515, 48.9522**.

A 20% lighter version of the original color is **78.3077, 83.1977, 89.0223**, and **19.5396, 20.9191, 22.0767** is the 20% darker color. If you saturate the color by 10%, you get **36.8787, 42.5187, 39.0658**, and if you desaturate by 10%, it is **48.6784, 48.1867, 58.3644**.

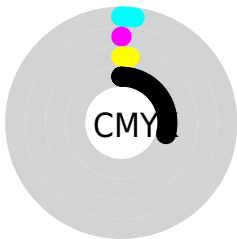
Distribution



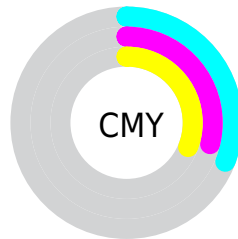
- Red (69%)
- Green (71%)
- Blue (69%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.3885, 45.1640, 48.0784 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 42.3885, 45.1640, 48.0784 by changing the saturation by 10% instead.

■ 42.3885, 45.1640,
48.0784

■ 42.3885, 45.1640,
48.0784

347.0552,
367.4374, 395.6205

■ 29.5981, 31.5866,
33.5285

■ 78.0487, 82.9665,
88.6879

■ 19.6803, 21.0460,
22.2572

101.6493,
107.9603, 115.5846

■ 12.2697, 13.1576,
13.8459

129.5838,
137.5285, 147.4340

■ 7.0012, 7.5372,
7.8760

162.2178,
172.0553, 184.6547

■ 3.5092, 3.8002,
3.9291

199.9166,
211.9252, 227.6651

■ 1.4284, 1.5625,
1.5865

243.0455,

■ 0.2763, 0.3321,

257.5226, 276.8838

0.2812

291.9699,
309.2319, 332.7295

■ 0.0000, 0.0000,
0.0000

■ 42.3885, 45.1640,
48.0784

■ 42.3885, 45.1640,
48.0784

■ 36.8787, 42.5187,
39.0658

■ 48.6784, 48.1867,
58.3644

■ 32.1149, 40.2303,
31.2744

■ 55.7730, 51.5947,
69.9676

■ 28.0662, 38.2855,
24.6524

■ 63.7008, 55.4028,
82.9332

■ 24.6981, 36.6677,
19.1435

■ 72.4876, 59.6236,
97.3035

■ 21.9734, 35.3589,
14.6866

■ 75.6122, 61.1244,
102.4207

■ 19.8510, 34.3394,
11.2148

■ 18.2853, 33.5873,
8.6534

■ 17.2241, 33.0776,
6.9172

■ 16.6055, 32.7804,
5.9049

Harmonies

Analogous

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



42.6523, 45.1640, 47.4641



42.3885, 45.1640, 48.0784



42.2690, 45.1640, 48.9929

Triad

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



42.3885, 45.1640, 48.0784



42.8631, 45.1640, 51.0945



43.5346, 45.1640, 48.3917

Complementary

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



42.3885, 45.1640, 48.0784



42.7844, 44.4439, 49.5057

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.



43.5918, 45.1640, 49.3594



42.3885, 45.1640, 48.0784



43.2029, 45.1640, 50.9284

Square

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



42.3885, 45.1640, 48.0784



42.5421, 45.1640, 50.7410



43.4701, 45.1640, 50.2900



43.3143, 45.1640, 47.6433

Rectangle

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



42.3885, 45.1640, 48.0784



42.2868, 45.1640, 49.6531



43.4701, 45.1640, 50.2900



43.5736, 45.1640, 48.7018

Sweetspot

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



42.3898, 45.1659, 48.0794



77.5568, 82.2269, 88.3172



43.0815, 45.5226, 48.1115



16.7754, 17.7782, 19.1092



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.



42.3898, 45.1659, 48.0794



76.4677, 81.7037, 86.5359



42.5403, 45.2261, 48.8720



9.3066, 9.9309, 10.5432



11.3914, 22.7825, 3.7978



0.3584, 0.7168, 0.1196

Inverse Universe

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



42.7844, 44.4439, 49.5057



77.3378, 80.1116, 89.6810



42.6322, 44.3830, 48.7044



9.4035, 9.7536, 10.8933



18.8846, 9.0714, 30.8818



0.5942, 0.2854, 0.9718

Previews

White Background



This preview shows how the XYZ color 42.3885, 45.1640, 48.0784 looks on a white background.

Color Contrast Check

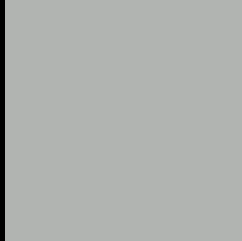
Large Text (above 18pt) WCAG AA × Fail

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 42.3885, 45.1640, 48.0784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

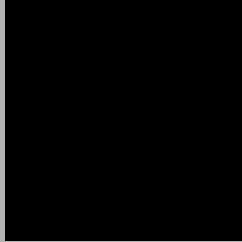
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

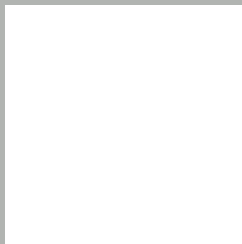
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.3885, 45.1640, 48.0784

Background



This preview shows how black text looks on a background with the XYZ color 42.3885, 45.1640, 48.0784.



This preview shows how white text looks on a background with the XYZ color 42.3885, 45.1640,

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

42.3885, 45.1640, 48.0784

Protanopia

43.2853, 45.0427, 47.4870

Deuteranopia

45.7444, 44.8373, 48.3629



Tritanopia

44.0252, 45.2303, 56.2791

Trichromacy



Original Color

42.3885, 45.1640, 48.0784

Protanomaly

43.0126, 45.1985, 47.5315

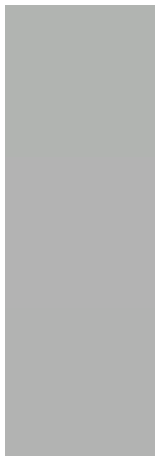
Deuteranomaly

44.5475, 45.0838, 48.4736

Tritanomaly

43.4498, 45.2930, 53.4661

Monochromacy



Original Color

42.3885, 45.1640, 48.0784

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

42.5161, 44.9195, 48.5490

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.3885, 45.1640, 48.0784 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(177, 180, 177)` looks like.

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

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

Border

The CSS property to change the border of an element to XYZ 42.3885, 45.1640, 48.0784 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(177, 180, 177) }
```


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

```
.border{ border-color:rgb(177, 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(177, 180, 177)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 42.3885, 45.1640, 48.0784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(177,  
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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