

Converting Colors

XYZ(42.7420, 45.6571, 48.3795)

Have a look what the booklet for
XYZ(42.7420, 45.6571, 48.3795)
contains.

XYZ(42.5911, 45.5692, 48.1459)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(42.5911, 45.5692,
48.1459)**

Conversions

Conversions Part 1

Format	Color
Hex	B1B5B1
RGB	177, 181, 177
RGB Percent	69%, 71%, 69%
CMY	0.3059, 0.2902, 0.3059
CMYK	0.02, 0.00, 0.02, 0.29
HSL	120°, 3%, 70%
HSV	120°, 2%, 71%
XYZ	42.5911, 45.5692, 48.1459
YIQ	179.3480, -1.1000, -2.0920

Conversions

Conversions Part 2

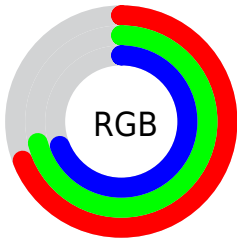
Format	Color
RYB	177, 181, 181
Decimal	11646385
CIELab	73.27, -2.15, 1.54
CIELCh	73, 2.640, 144.413
Yxy	45.5692, 0.3125, 0.3343
Android (android.graphics.Color)	4289836465 (0xFFB1B5B1)
YUV	179.3480, -1.1576, -2.0592
Hunter-Lab	67.5050, -5.5122, 4.9667

Details

The XYZ color **42.5911, 45.5692, 48.1459** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.1203, 44.6053, 50.0552**, and the grayscale version is **43.0409, 45.2823, 49.3125**.

A 20% lighter version of the original color is **78.5964, 83.7752, 89.1185**, and **19.6694, 21.1787, 22.1200** is the 20% darker color. If you saturate the color by 10%, you get **37.0527, 42.9101, 39.0862**, and if you desaturate by 10%, it is **48.9183, 48.6098, 58.4934**.

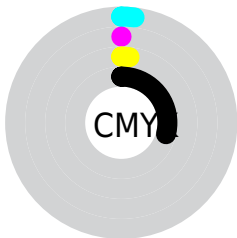
Distribution



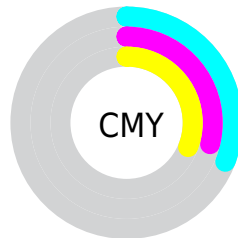
- Red (69%)
- Green (71%)
- Blue (69%)



- 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 42.5911, 45.5692, 48.1459 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 42.5911, 45.5692, 48.1459 by changing the saturation by 10% instead.

■ 42.5911, 45.5692,
48.1459

■ 42.5911, 45.5692,
48.1459

347.8775,
369.0740, 395.8955

■ 29.7575, 31.9060,
33.5816

■ 78.3530, 83.5739,
88.7894

■ 19.8018, 21.2897,
22.2976

102.0121,
108.6842, 115.7057

■ 12.3585, 13.3359,
13.8754

130.0104,
138.3790, 147.5765

■ 7.0622, 7.6603,
7.8963

162.7132,
173.0426, 184.8202

■ 3.5477, 3.8783,
3.9418

200.4860,
213.0596, 227.8554

■ 1.4496, 1.6057,
1.5935

243.6941,

■ 0.2912, 0.3615,

258.8142, 277.1007

0.2862

292.7028,
310.6908, 332.9745

■ 0.0000, 0.0000,
0.0000

■ 42.5911, 45.5692,
48.1459

■ 42.5911, 45.5692,
48.1459

■ 37.0527, 42.9101,
39.0862

■ 48.9183, 48.6098,
58.4934

■ 32.2685, 40.6120,
31.2611

■ 56.0594, 52.0401,
70.1731

■ 28.2070, 38.6611,
24.6180

■ 64.0432, 55.8751,
83.2310

■ 24.8331, 37.0405,
19.0996

■ 72.8961, 60.1277,
97.7102

■ 22.1089, 35.7319,
14.6435

■ 75.8148, 61.5296,
102.4883

■ 19.9925, 34.7153,
11.1816

■ 18.4374, 33.9683,
8.6377

■ 17.3902, 33.4653,
6.9246

■ 16.7874, 33.1757,
5.9383

Harmonies

Analogous

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



42.9447, 45.5692, 47.3280



42.5911, 45.5692, 48.1459



42.4308, 45.5692, 49.3689

Triad

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



42.5911, 45.5692, 48.1459



43.2254, 45.5692, 52.2022



44.1291, 45.5692, 48.5692

Complementary

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



42.5911, 45.5692, 48.1459



43.1203, 44.6053, 50.0552

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.



44.2056, 45.5692, 49.8661



42.5911, 45.5692, 48.1459



43.6817, 45.5692, 51.9788

Square

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



42.5911, 45.5692, 48.1459



42.7954, 45.5692, 51.7228



44.0413, 45.5692, 51.1180



43.8331, 45.5692, 47.5693

Rectangle

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



42.5911, 45.5692, 48.1459



42.4543, 45.5692, 50.2554



44.0413, 45.5692, 51.1180



44.1815, 45.5692, 48.9842

Sweetspot

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



42.5924, 45.5712, 48.1469



77.5568, 82.2269, 88.3171



43.5178, 46.0482, 48.1900



16.7754, 17.7782, 19.1092



86.6293, 91.1408, 99.2523



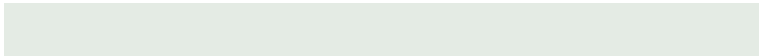
17.0014, 17.8868, 19.4787

Same Dimension

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



42.5924, 45.5712, 48.1469



75.3930, 81.1875, 84.7780



42.7934, 45.6516, 49.2054



9.0684, 9.8165, 10.1535



11.3913, 22.7825, 3.7975



0.3584, 0.7168, 0.1195

Inverse Universe

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



43.1203, 44.6053, 50.0552



76.6896, 78.8153, 89.4650



42.9164, 44.5237, 48.9812



9.2598, 9.4663, 10.8454



18.8854, 9.0717, 30.8859



0.5942, 0.2854, 0.9719

Previews

White Background



This preview shows how the XYZ color 42.5911, 45.5692, 48.1459 looks on a white background.

Color Contrast Check

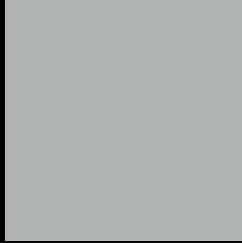
Large Text (above 18pt) WCAG AA × Fail

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 42.5911, 45.5692, 48.1459 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

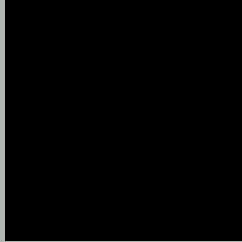
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.5911, 45.5692, 48.1459

Background



This preview shows how black text looks on a background with the XYZ color 42.5911, 45.5692, 48.1459.



This preview shows how white text looks on a background with the XYZ color 42.5911, 45.5692,

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

42.5911, 45.5692, 48.1459

Protanopia

43.7237, 45.5651, 47.5648

Deuteranopia

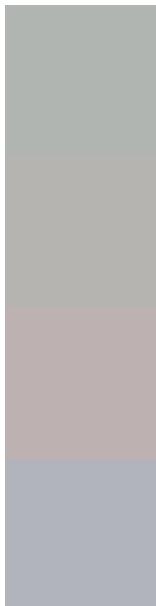
46.4606, 45.4922, 48.4516



Tritanopia

44.3361, 45.6742, 56.9313

Trichromacy



Original Color

42.5911, 45.5692, 48.1459

Protanomaly

43.2138, 45.6009, 47.5985

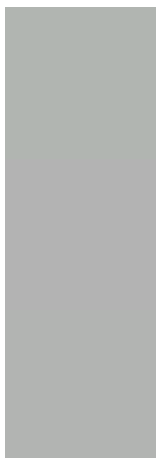
Deuteranomaly

44.9932, 45.6058, 48.5509

Tritanomaly

43.6510, 45.6953, 53.5331

Monochromacy



Original Color

42.5911, 45.5692, 48.1459

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

42.7172, 45.3218, 48.6160

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.5911, 45.5692, 48.1459 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, 181, 177)` looks like.

```
.text, #text, p{  
    color:rgb(177, 181, 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, 181, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 181, 177) }
```

Border

The CSS property to change the border of an element to XYZ 42.5911, 45.5692, 48.1459 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, 181, 177) }
```


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

```
.border{ border-color:rgb(177, 181, 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, 181, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 181, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 181, 177);  
box-shadow:4px 4px 4px 4px rgb(177, 181,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 42.5911, 45.5692, 48.1459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 181, 177) }
```

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

```
.background{ background-color: rgb(177,  
181, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor