

Converting Colors

XYZ(43.1779, 45.3939, 49.1347)

Have a look what the booklet for
XYZ(43.1779, 45.3939, 49.1347)
contains.

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Color

**XYZ(43.0792, 45.1982,
49.1014)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | B4B3B3 |
| RGB | 180, 179, 179 |
| RGB Percent | 71%, 70%, 70% |
| CMY | 0.2941, 0.2980, 0.2980 |
| CMYK | 0.00, 0.01, 0.01, 0.29 |
| HSL | 0°, 1%, 70% |
| HSV | 0°, 1%, 71% |
| XYZ | 43.0792, 45.1982, 49.1014 |
| YIQ | 179.2990, 0.5960, 0.2120 |

Conversions

Conversions Part 2

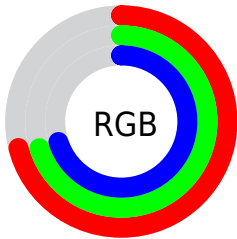
| Format | Color |
|-------------------------------------|--|
| RYB | 180, 179, 179 |
| Decimal | 11842483 |
| CIELab | 73.02, 0.36, 0.12 |
| CIELCh | 73, 0.374, 18.089 |
| Yxy | 45.1982, 0.3136, 0.3290 |
| Android (android.graphics.Color) | 4290032563 (0xFFB4B3B3) |
| YUV | 179.2990, -0.1474, 0.6148 |
| Hunter-Lab | 67.2296, -3.2731, 3.7580 |

Details

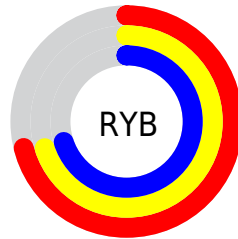
The XYZ color **43.0792, 45.1982, 49.1014** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.1499, 45.5209, 49.6929**, and the grayscale version is **43.0089, 45.2487, 49.2758**.

A 20% lighter version of the original color is **79.2958, 83.2477, 90.4863**, and **19.9791, 20.9401, 22.7275** is the 20% darker color. If you saturate the color by 10%, you get **38.0115, 37.7881, 39.0091**, and if you desaturate by 10%, it is **48.8551, 53.6431, 60.6033**.

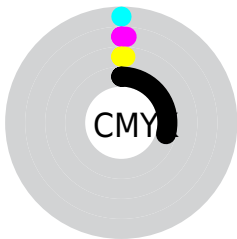
Distribution



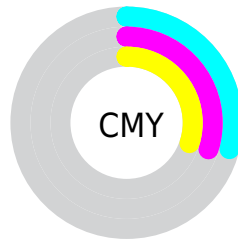
- Red (71%)
- Green (70%)
- Blue (70%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.0792, 45.1982, 49.1014 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 43.0792, 45.1982, 49.1014 by changing the saturation by 10% instead.

■ 43.0792, 45.1982,
49.1014

■ 43.0792, 45.1982,
49.1014

349.8534,
367.5757, 399.7753

■ 30.1421, 31.6136,
34.3338

■ 79.0853, 83.0178,
90.2246

■ 20.0950, 21.0665,
22.8707

102.8850,
108.0215, 117.4172

■ 12.5728, 13.1726,
14.2936

131.0363,
137.6003, 149.5886

■ 7.2100, 7.5475,
8.1841

163.9044,
172.1387, 187.1572

■ 3.6413, 3.8068,
4.1235

201.8549,
212.0211, 230.5416

■ 1.5013, 1.5661,
1.6933

245.2529,

■ 0.3267, 0.3346,

257.6317, 280.1605

0.3562

294.4640,
309.3552, 336.4322

■ 0.0000, 0.0000,
0.0000

■ 43.0792, 45.1982,
49.1014

■ 43.0792, 45.1982,
49.1014

■ 38.0115, 37.7881,
39.0091

■ 48.8551, 53.6431,
60.6033

■ 33.6211, 31.3675,
30.2695

■ 55.3609, 63.1543,
73.5631

■ 29.8805, 25.8963,
22.8259

■ 62.6222, 73.7693,
88.0304

■ 26.7588, 21.3294,
16.6168

■ 70.6622, 85.5220,
104.0513

■ 24.2226, 17.6182,
11.5753

■ 72.6327, 88.4435,
107.8509

■ 22.2356, 14.7095,
7.6286

■ 20.7570, 12.5440,
4.6954

■ 19.7409, 11.0544,
2.6834

■ 19.1325, 10.1612,
1.4832

Harmonies

Analogous

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



43.0827, 45.1982, 49.2875



43.0792, 45.1982, 49.1014



43.0436, 45.1982, 48.9456

Triad

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



43.0792, 45.1982, 49.1014



42.8660, 45.1982, 48.9729



42.9336, 45.1982, 49.5664

Complementary

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



43.0792, 45.1982, 49.1014



43.1499, 45.5209, 49.6929

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.



42.8756, 45.1982, 49.4817



43.0792, 45.1982, 49.1014



42.8366, 45.1982, 49.1389

Square

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



43.0792, 45.1982, 49.1014



42.9205, 45.1982, 48.8716



42.8401, 45.1982, 49.3251



42.9986, 45.1982, 49.5563

Rectangle

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



43.0792, 45.1982, 49.1014



43.0065, 45.1982, 48.8797



42.8401, 45.1982, 49.3251



42.9126, 45.1982, 49.5481

Sweetspot

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



43.0805, 45.2001, 49.1024



78.6606, 82.7571, 90.1225



43.1814, 45.2395, 49.6369



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.



43.0805, 45.2001, 49.1024



77.6609, 81.2954, 88.1316



43.1802, 45.3997, 49.1356



9.4395, 9.8855, 10.7209



13.1422, 6.7829, 0.6166



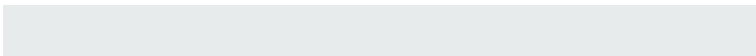
0.4142, 0.2149, 0.0196

Inverse Universe

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



43.1499, 45.5209, 49.6929



77.8907, 82.3570, 90.0858



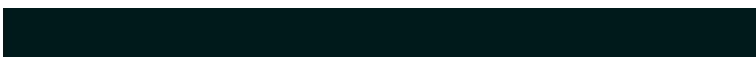
43.0498, 45.3207, 49.6595



9.4651, 10.0036, 10.9384



17.0609, 24.9222, 34.0483



0.5376, 0.7856, 1.0715

Previews

White Background



This preview shows how the XYZ color 43.0792, 45.1982, 49.1014 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 43.0792, 45.1982, 49.1014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

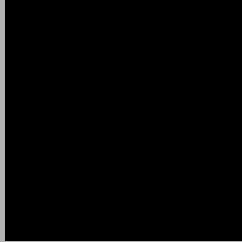
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

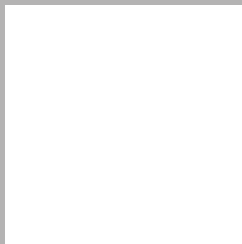
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.0792, 45.1982, 49.1014

Background



This preview shows how black text looks on a background with the XYZ color 43.0792, 45.1982, 49.1014.

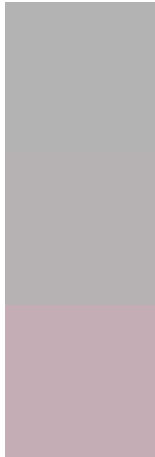


This preview shows how white text looks on a background with the XYZ color 43.0792, 45.1982,

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

43.0792, 45.1982, 49.1014

Protanopia

43.3485, 45.0405, 49.0568

Deuteranopia

45.9467, 44.9182, 49.4284



Tritanopia

44.4175, 45.1510, 55.6642

Trichromacy



Original Color

43.0792, 45.1982, 49.1014

Protanomaly

43.1131, 44.9192, 49.0458

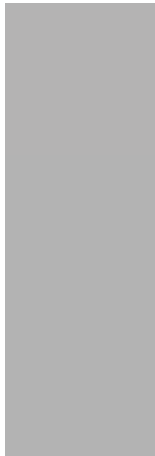
Deuteranomaly

44.8034, 44.9024, 49.4856

Tritanomaly

43.9461, 45.2524, 53.4321

Monochromacy



Original Color

43.0792, 45.1982, 49.1014

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 43.0792, 45.1982, 49.1014 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, 179)` looks like.

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

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

Border

The CSS property to change the border of an element to XYZ 43.0792, 45.1982, 49.1014 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, 179) }
```

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

```
.border{ border-color:rgb(180, 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(180, 179, 179)` colored shadow looks like.

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


Background

The CSS property to change the background color of an element to XYZ 43.0792, 45.1982, 49.1014 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, 179) }
```

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

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