

Converting Colors

XYZ(43.8542, 46.0010, 49.4180)

Have a look what the booklet for
XYZ(43.8542, 46.0010, 49.4180)
contains.

XYZ(43.7493, 45.8423, 49.1904)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**XYZ(43.7493, 45.8423,
49.1904)**

Conversions

Conversions Part 1

Format	Color
Hex	B6B4B3
RGB	182, 180, 179
RGB Percent	71%, 71%, 70%
CMY	0.2863, 0.2941, 0.2980
CMYK	0.00, 0.01, 0.02, 0.29
HSL	20°, 2%, 71%
HSV	20°, 2%, 71%
XYZ	43.7493, 45.8423, 49.1904
YIQ	180.4840, 1.5130, 0.1130

Conversions

Conversions Part 2

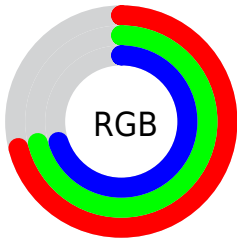
Format	Color
RYB	182, 181, 179
Decimal	11973811
CIELab	73.44, 0.52, 0.75
CIElCh	73, 0.914, 55.086
Yxy	45.8423, 0.3152, 0.3303
Android (android.graphics.Color)	4290163891 (0xFFB6B4B3)
YUV	180.4840, -0.7316, 1.3295
Hunter-Lab	67.7069, -3.1482, 4.3195

Details

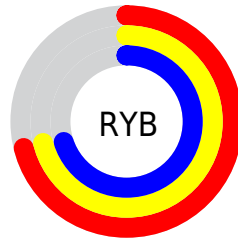
The XYZ color **43.7493, 45.8423, 49.1904** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.5576, 46.0080, 50.8411**, and the grayscale version is **43.6469, 45.9200, 50.0069**.

A 20% lighter version of the original color is **80.2507, 84.1662, 90.6133**, and **20.4085, 21.3522, 22.7844** is the 20% darker color. If you saturate the color by 10%, you get **39.6899, 40.4769, 39.3473**, and if you desaturate by 10%, it is **48.2680, 51.7362, 60.3864**.

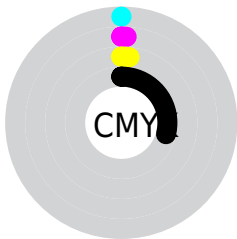
Distribution



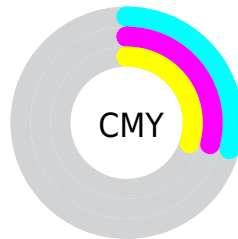
- Red (71%)
- Green (71%)
- Blue (70%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.7493, 45.8423, 49.1904 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 43.7493, 45.8423, 49.1904 by changing the saturation by 10% instead.

■ 43.7493, 45.8423,
49.1904

■ 43.7493, 45.8423,
49.1904

352.5538,
370.1743, 400.1354

■ 30.6705, 32.1214,
34.4039

■ 80.0891, 83.9829,
90.3581

■ 20.4987, 21.4542,
22.9242

104.0807,
109.1715, 117.5763

■ 12.8684, 13.4564,
14.3328

132.4408,
138.9513, 149.7756

■ 7.4144, 7.7436,
8.2111

165.5346,
173.7069, 187.3743

■ 3.7712, 3.9313,
4.1406

203.7274,
213.8226, 230.7911

■ 1.5735, 1.6352,
1.7028

247.3846,

■ 0.3751, 0.3812,

259.6828, 280.4446

0.3626

296.8716,
311.6719, 336.7531

■ 0.0000, 0.0000,
0.0000

■ 43.7493, 45.8423,
49.1904

■ 43.7493, 45.8423,
49.1904

■ 39.6899, 40.4769,
39.3473

■ 48.2680, 51.7362,
60.3864

■ 36.0710, 35.6195,
30.8025

■ 53.2563, 58.1668,
72.9811

■ 32.8782, 31.2567,
23.5023

■ 58.7290, 65.1496,
87.0218

■ 30.0947, 27.3723,
17.3877

■ 64.6991, 72.6975,
102.5527

■ 27.7028, 23.9493,
12.3953

■ 68.6685, 79.8189,
106.3951

■ 25.6831, 20.9695,
8.4553

■ 72.3652, 87.2125,
107.6274

■ 24.0145, 18.4135,
5.4903

■ 73.1016, 88.6852,
107.8728

■ 22.6732, 16.2602,
3.4119

■ 21.6322, 14.4861,
2.1154

Harmonies

Analogous

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



43.8529, 45.8423, 49.5392



43.7493, 45.8423, 49.1904



43.5983, 45.8423, 49.0356

Triad

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



43.7493, 45.8423, 49.1904



43.2638, 45.8423, 49.8385



43.7032, 45.8423, 50.7224

Complementary

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



43.7493, 45.8423, 49.1904



43.5576, 46.0080, 50.8411

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.



43.5452, 45.8423, 50.8037



43.7493, 45.8423, 49.1904



43.2917, 45.8423, 50.2916

Square

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



43.7493, 45.8423, 49.1904



43.3182, 45.8423, 49.4083



43.3946, 45.8423, 50.6456



43.8263, 45.8423, 50.4241

Rectangle

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



43.7493, 45.8423, 49.1904



43.4911, 45.8423, 49.0626



43.3946, 45.8423, 50.6456



43.6524, 45.8423, 50.7761

Sweetspot

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



43.7506, 45.8443, 49.1914



80.6108, 84.8088, 92.3568



43.7525, 45.5221, 50.1972



17.8044, 18.7317, 20.3988



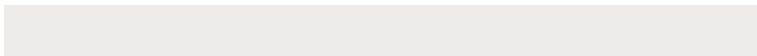
88.6918, 93.3107, 101.6153

Same Dimension

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



43.7506, 45.8443, 49.1914



79.0195, 82.7217, 88.4495



44.0543, 46.4517, 49.2926



9.9427, 10.4128, 11.1507



14.8528, 9.4819, 1.0474



0.5821, 0.4513, 0.0564

Inverse Universe

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



43.5576, 46.0080, 50.8411



78.5889, 83.0870, 92.1310



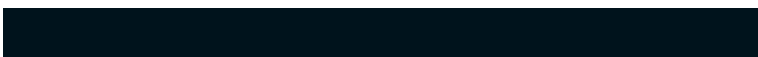
43.2550, 45.4027, 50.7403



9.8930, 10.4551, 11.5760



10.8647, 12.1891, 33.0332



0.4375, 0.5386, 1.1827

Previews

White Background



This preview shows how the XYZ color 43.7493, 45.8423, 49.1904 looks on a white background.

Color Contrast Check

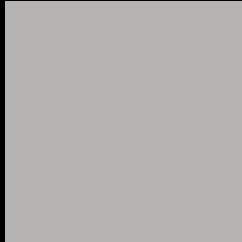
Large Text (above 18pt) WCAG AA × Fail

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 43.7493, 45.8423, 49.1904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

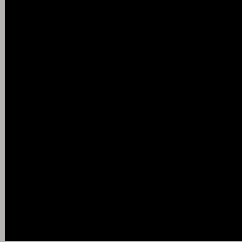
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

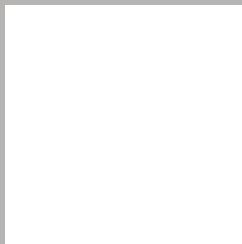
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.7493, 45.8423, 49.1904

Background



This preview shows how black text looks on a background with the XYZ color 43.7493, 45.8423, 49.1904.

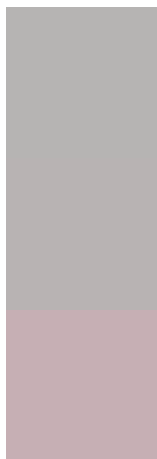


This preview shows how white text looks on a background with the XYZ color 43.7493, 45.8423,

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

43.7493, 45.8423, 49.1904

Protanopia

44.0239, 45.6852, 49.1456

Deuteranopia

46.8569, 45.9610, 49.5818



Tritanopia

45.2020, 45.8369, 56.3342

Trichromacy



Original Color

43.7493, 45.8423, 49.1904

Protanomaly

43.7852, 45.5622, 49.1345

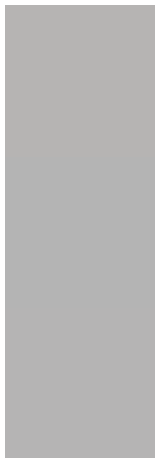
Deuteranomaly

45.6986, 45.9460, 49.6399

Tritanomaly

44.6182, 45.8953, 53.5208

Monochromacy



Original Color

43.7493, 45.8423, 49.1904

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

43.6155, 45.7616, 49.7141

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.7493, 45.8423, 49.1904 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(182, 180, 179)` looks like.

```
.text, #text, p{  
    color:rgb(182, 180, 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(182, 180, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 180, 179) }
```

Border

The CSS property to change the border of an element to XYZ 43.7493, 45.8423, 49.1904 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(182, 180, 179) }
```

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

```
.border{ border-color:rgb(182, 180, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 180, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 180, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 180, 179);  
box-shadow:4px 4px 4px 4px rgb(182, 180,  
179) }
```


Background

The CSS property to change the background color of an element to XYZ 43.7493, 45.8423, 49.1904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 180, 179) }
```

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

```
.background{ background-color: rgb(182,  
180, 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](#).

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