

Converting Colors

XYZ(43.0831, 45.5661, 50.2410)

Have a look what the booklet for
XYZ(43.0831, 45.5661, 50.2410)
contains.

| | |
|--|----|
| XYZ(43.0218, 45.4437, 50.2201) | 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(43.0218, 45.4437,
50.2201)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | B2B4B5 |
| RGB | 178, 180, 181 |
| RGB Percent | 70%, 71%, 71% |
| CMY | 0.3020, 0.2941, 0.2902 |
| CMYK | 0.02, 0.01, 0.00, 0.29 |
| HSL | 200°, 2%, 70% |
| HSV | 200°, 2%, 71% |
| XYZ | 43.0218, 45.4437, 50.2201 |
| YIQ | 179.5160, -1.5130, -0.1130 |

Conversions

Conversions Part 2

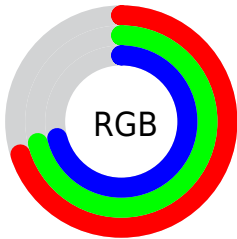
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 178, 179, 181 |
| Decimal | 11711669 |
| CIELab | 73.18, -0.51, -0.76 |
| CIElCh | 73, 0.916, 236.313 |
| Yxy | 45.4437, 0.3102, 0.3277 |
| Android (android.graphics.Color) | 4289901749 (0xFFB2B4B5) |
| YUV | 179.5160, 0.7316, -1.3295 |
| Hunter-Lab | 67.4119, -4.0535, 3.0189 |

Details

The XYZ color **43.0218, 45.4437, 50.2201** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.2120, 45.2776, 48.5819**, and the grayscale version is **43.1210, 45.3667, 49.4043**.

A 20% lighter version of the original color is **79.2132, 83.5978, 92.0818**, and **19.9431, 21.0972, 23.4431** is the 20% darker color. If you saturate the color by 10%, you get **37.9522, 41.0681, 49.6434**, and if you desaturate by 10%, it is **48.6946, 50.2111, 50.8420**.

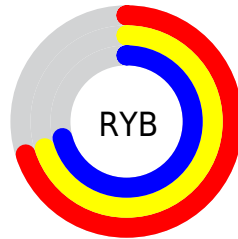
Distribution



Red (70%)

Green (71%)

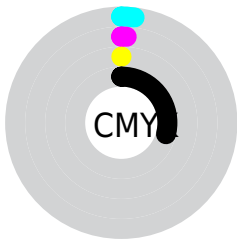
Blue (71%)



Red (70%)

Yellow (70%)

Blue (71%)

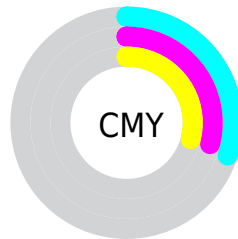


Cyan (2%)

Magenta (1%)

Yellow (0%)

Black (29%)



Cyan (30%)

Magenta (29%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.0218, 45.4437, 50.2201 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 43.0218, 45.4437, 50.2201 by changing the saturation by 10% instead.

■ 43.0218, 45.4437,
50.2201

■ 43.0218, 45.4437,
50.2201

349.6214,
368.5676, 404.2857

■ 30.0968, 31.8071,
35.2159

■ 78.9993, 83.3858,
91.9006

■ 20.0605, 21.2142,
23.5444

102.7825,
108.4601, 119.4139

■ 12.5476, 13.2806,
14.7869

130.9158,
138.1157, 151.9341

■ 7.1926, 7.6221,
8.5250

163.7645,
172.7371, 189.8796

■ 3.6302, 3.8541,
4.3401

201.6941,
212.7085, 233.6689

■ 1.4951, 1.5923,
1.8137

245.0699,

■ 0.3225, 0.3524,

258.4145, 283.7207

0.4370

294.2572,
310.2394, 340.4535

■ 0.0000, 0.0000,
0.0000

■ 43.0218, 45.4437,
50.2201

■ 43.0218, 45.4437,
50.2201

■ 37.9522, 41.0681,
49.6434

■ 48.6946, 50.2111,
50.8420

■ 33.4601, 37.0661,
49.1077

■ 54.9876, 55.3760,
51.5073

■ 29.5234, 33.4267,
48.6127

■ 61.9218, 60.9517,
52.2180

■ 26.1170, 30.1359,
48.1571

■ 69.5161, 66.9486,
52.9752

■ 23.2140, 27.1787,
47.7393

■ 72.6454, 70.7258,
53.5394

■ 20.7847, 24.5389,
47.3578

■ 74.1589, 73.7528,
54.0439

■ 18.7963, 22.1984,
47.0108

■ 75.7288, 76.8926,
54.5672

■ 17.2111, 20.1367,
46.6964

■ 77.3557, 80.1463,
55.1095

■ 15.9848, 18.3297,
46.4123

■ 79.0401, 83.5153,
55.6710

Harmonies

Analogous

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



42.9166, 45.4437, 49.8736



43.0218, 45.4437, 50.2201



43.1730, 45.4437, 50.3684

Triad

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



43.0218, 45.4437, 50.2201



43.5018, 45.4437, 49.5374



43.0561, 45.4437, 48.6918

Complementary

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



43.0218, 45.4437, 50.2201



43.2120, 45.2776, 48.5819

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.



43.2127, 45.4437, 48.6030



43.0218, 45.4437, 50.2201



43.4703, 45.4437, 49.0894

Square

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



43.0218, 45.4437, 50.2201



43.4504, 45.4437, 49.9727



43.3644, 45.4437, 48.7481



42.9364, 45.4437, 48.9915

Rectangle

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



43.0218, 45.4437, 50.2201



43.2797, 45.4437, 50.3342



43.3644, 45.4437, 48.7481



43.1062, 45.4437, 48.6364

Sweetspot

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



43.0231, 45.4456, 50.2211



78.6606, 82.7571, 90.1225



43.0162, 45.7661, 49.1884



17.0014, 17.8868, 19.4787



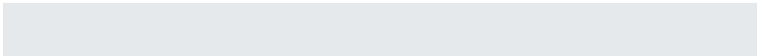
86.6293, 91.1408, 99.2523

Same Dimension

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



43.0231, 45.4456, 50.2211



76.6918, 81.0839, 89.9033



42.7312, 44.8619, 50.1238



9.3316, 9.8620, 10.9180



10.5174, 11.8352, 31.8671



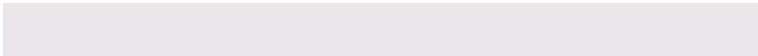
0.3818, 0.4741, 1.0196

Inverse Universe

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



43.2156, 44.9606, 49.5829



77.1141, 80.0221, 88.5030



43.5048, 45.8633, 48.6795



9.3786, 9.7437, 10.7622



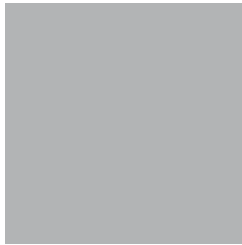
15.5434, 7.7349, 13.2872



0.5147, 0.2536, 0.5533

Previews

White Background



This preview shows how the XYZ color 43.0218, 45.4437, 50.2201 looks on a white background.

Color Contrast Check

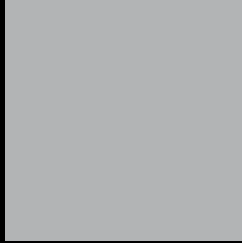
Large Text (above 18pt) WCAG AA × Fail

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 43.0218, 45.4437, 50.2201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

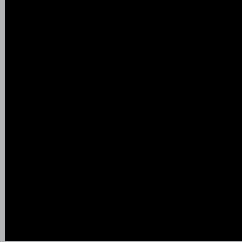
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

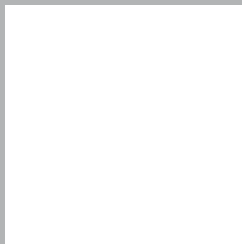
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.0218, 45.4437, 50.2201

Background



This preview shows how black text looks on a background with the XYZ color 43.0218, 45.4437, 50.2201.

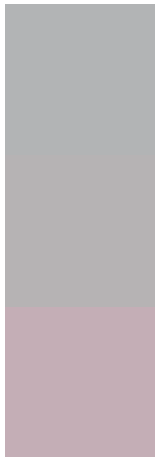


This preview shows how white text looks on a background with the XYZ color 43.0218, 45.4437,

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

43.0218, 45.4437, 50.2201

Protanopia

43.6497, 45.4806, 49.6581

Deuteranopia

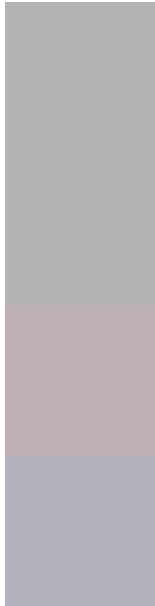
46.3445, 45.3853, 50.5736



Tritanopia

44.2572, 45.3499, 56.2900

Trichromacy



Original Color

43.0218, 45.4437, 50.2201

Protanomaly

43.4144, 45.3592, 49.6470

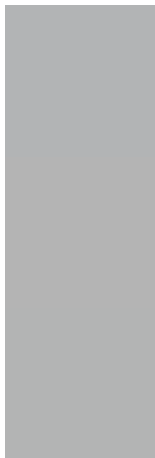
Deuteranomaly

44.9551, 45.2469, 50.6201

Tritanomaly

43.7876, 45.4547, 54.0427

Monochromacy



Original Color

43.0218, 45.4437, 50.2201

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

43.1499, 45.5215, 49.6923

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0218, 45.4437, 50.2201 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(178, 180, 181) looks like.

```
.text, #text, p{  
    color:rgb(178, 180, 181)  
}
```

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(178, 180, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 180, 181) }
```

Border

The CSS property to change the border of an element to XYZ 43.0218, 45.4437, 50.2201 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(178, 180, 181) }
```

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

```
.border{ border-color:rgb(178, 180, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 180, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 180, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 180, 181);  
box-shadow:4px 4px 4px 4px rgb(178, 180,  
181) }
```


Background

The CSS property to change the background color of an element to XYZ 43.0218, 45.4437, 50.2201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 180, 181) }
```

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

```
.background{ background-color: rgb(178,  
180, 181) }
```

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