

Converting Colors

XYZ(45.3731, 50.1334, 43.5337)

Have a look what the booklet for
XYZ(45.3731, 50.1334, 43.5337)
contains.

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Color

**XYZ(45.5213, 50.3291,
43.3916)**

Conversions

Conversions Part 1	
Format	Color
Hex	B9BFA6
RGB	185, 191, 166
RGB Percent	73%, 75%, 65%
CMY	0.2745, 0.2510, 0.3490
CMYK	0.03, 0.00, 0.13, 0.25
HSL	74°, 16%, 70%
HSV	74°, 13%, 75%
XYZ	45.5213, 50.3291, 43.3916
YIQ	186.3560, 4.4490, -9.0470

Conversions

Conversions Part 2

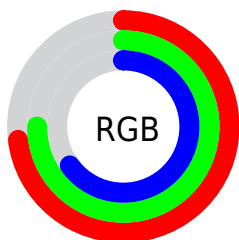
Format	Color
RYB	166, 191, 172
Decimal	12173222
CIELab	76.27, -6.52, 11.91
CIELCh	76, 13.578, 118.708
Yxy	50.3291, 0.3269, 0.3615
Android (android.graphics.Color)	4290363302 (0xFFB9BFA6)
YUV	186.3560, -10.0355, -1.1892
Hunter-Lab	70.9430, -9.6139, 13.3960

Details

The XYZ color **45.5213, 50.3291, 43.3916** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.0555, 39.8060, 54.8652**, and the grayscale version is **46.9257, 49.3695, 53.7634**.

A 20% lighter version of the original color is **82.5875, 90.4428, 81.5110**, and **21.6415, 24.2974, 19.4688** is the 20% darker color. If you saturate the color by 10%, you get **42.8095, 49.1202, 34.7879**, and if you desaturate by 10%, it is **48.5318, 51.6649, 53.3698**.

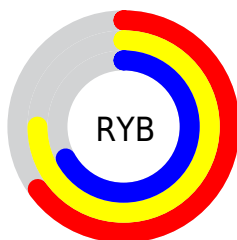
Distribution



Red (73%)

Green (75%)

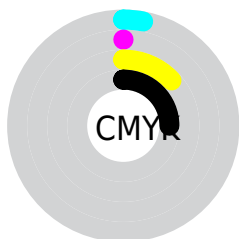
Blue (65%)



Red (65%)

Yellow (75%)

Blue (67%)

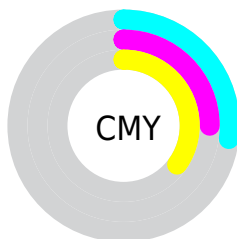


Cyan (3%)

Magenta (0%)

Yellow (13%)

Black (25%)



Cyan (27%)


Magenta (25%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.5213, 50.3291, 43.3916 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 45.5213, 50.3291, 43.3916 by changing the saturation by 10% instead.

 45.5213, 50.3291,
43.3916


 45.5213, 50.3291,
43.3916

359.6290,
387.9515, 376.1882

 32.0713, 35.6750,
29.8588


 82.7344, 90.6623,
81.5942

 21.5717, 24.1833,
19.4803


 107.2281,
117.1101, 107.1010

 13.6574, 15.4696,
11.8375


136.1338,
148.2580, 137.4363

 7.9629, 9.1496,
6.5120

169.8168,
184.4903, 173.0186

 4.1228, 4.8389,
3.0850

208.6425,
226.1914, 214.2663

 1.7718, 2.1531,
1.1382

252.9762,


 0.5006, 0.6942,


273.7457, 261.5982


0.0000


303.1833,
327.5376, 315.4326


 0.0000, 0.0000,
0.0000


 45.5213, 50.3291,
43.3916


 45.5213, 50.3291,
43.3916

 42.8095, 49.1202,
34.7879


 48.5318, 51.6649,
53.3698


 40.3805, 48.0270,
27.4951


 51.8480, 53.1254,
64.7756


 38.2231, 47.0464,
21.4497


 55.4817, 54.7172,
77.6636


 36.3237, 46.1729,
16.5815


 59.4428, 56.4441,
92.0842


 34.6671, 45.4007,
12.8133


 62.6757, 57.8840,
102.4771


 33.2368, 44.7228,
10.0588


 63.9836, 58.5583,
102.5383


 32.0135, 44.1316,
8.2188

 65.3290, 59.2519,
102.6013

 30.9742, 43.6179,
7.1741

 66.7124, 59.9650,
102.6660

 30.3333, 43.2960,
6.7582

 68.1340, 60.6979,
102.7326

Harmonies

Analogous

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



47.9468, 50.3291, 41.9351



45.5213, 50.3291, 43.3916



43.7706, 50.3291, 47.8304

Triad

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



45.5213, 50.3291, 43.3916



45.3365, 50.3291, 67.6857



52.9034, 50.3291, 55.1167

Complementary

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



45.5213, 50.3291, 43.3916



40.0555, 39.8060, 54.8652

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.



52.1462, 50.3291, 62.4154



45.5213, 50.3291, 43.3916



47.7259, 50.3291, 70.0585

Square

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



45.5213, 50.3291, 43.3916



43.6666, 50.3291, 61.8198



50.2285, 50.3291, 68.0505



52.2633, 50.3291, 48.3325

Rectangle

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



45.5213, 50.3291, 43.3916



43.1909, 50.3291, 52.0981



50.2285, 50.3291, 68.0505



52.8034, 50.3291, 57.5934

Sweetspot

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



45.5227, 50.3313, 43.3927



86.3679, 92.2847, 93.7312



43.0914, 43.2727, 42.1584



18.8721, 20.2235, 20.2681



92.9021, 97.7402, 106.4391



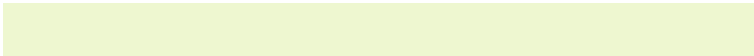
19.4759, 20.4902, 22.3138

Same Dimension

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



45.5227, 50.3313, 43.3927



79.9336, 89.4293, 72.5775



42.6754, 48.8635, 43.2594



10.0923, 11.0020, 10.1683



20.0084, 28.4906, 4.4447



0.8388, 1.1444, 0.1767

Inverse Universe

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



40.0555, 39.8060, 54.8652



68.0412, 66.5329, 97.5351



42.8890, 41.2668, 54.9978



9.2253, 9.3330, 11.9874



6.9782, 2.8835, 32.5817



0.3341, 0.1442, 1.2791

Previews

White Background



This preview shows how the XYZ color 45.5213, 50.3291, 43.3916 looks on a white background.

Color Contrast Check

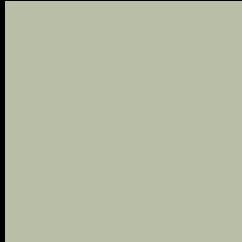
Large Text (above 18pt) WCAG AA × Fail

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 45.5213, 50.3291, 43.3916 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

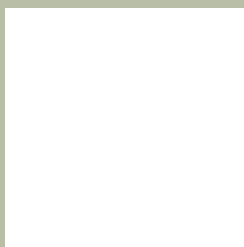
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 45.5213, 50.3291, 43.3916

Background



This preview shows how black text looks on a background with the XYZ color 45.5213, 50.3291, 43.3916.



This preview shows how white text looks on a background with the XYZ color 45.5213, 50.3291,

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

45.5213, 50.3291, 43.3916

Protanopia

47.4971, 50.0913, 42.2872

Deuteranopia

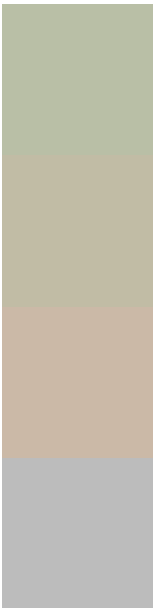
51.0323, 50.0210, 44.0111



Tritanopia

49.3367, 50.2820, 62.3634

Trichromacy



Original Color
45.5213, 50.3291, 43.3916

Protanomaly
46.7671, 50.0205, 42.7873

Deuteranomaly
48.9526, 50.1845, 43.6657

Tritanomaly
47.7994, 50.2886, 54.7643

Monochromacy



Original Color
45.5213, 50.3291, 43.3916

Achromatopsia
46.6715, 49.1021, 53.4722

Achromatomaly
46.3696, 49.6602, 49.7893

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.5213, 50.3291, 43.3916 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(185, 191, 166)` looks like.

```
.text, #text, p{  
    color:rgb(185, 191, 166)  
}
```

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(185, 191, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 191, 166) }
```

Border

The CSS property to change the border of an element to XYZ 45.5213, 50.3291, 43.3916 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(185, 191, 166) }
```


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

```
.border{ border-color:rgb(185, 191, 166) }
```

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

Here you see how a box with a 4 pixel rgb(185, 191, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 191, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 191, 166);  
box-shadow:4px 4px 4px 4px rgb(185, 191,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 45.5213, 50.3291, 43.3916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 191, 166) }
```

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

```
.background{ background-color: rgb(185,  
191, 166) }
```

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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