

Converting Colors

XYZ(41.1300, 45.3186, 39.1107)

Have a look what the booklet for
XYZ(41.1300, 45.3186, 39.1107)
contains.

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Color

**XYZ(41.0310, 45.2716,
38.9235)**

Conversions

Conversions Part 1

Format	Color
Hex	B1B69E
RGB	177, 182, 158
RGB Percent	69%, 71%, 62%
CMY	0.3059, 0.2863, 0.3804
CMYK	0.03, 0.00, 0.13, 0.29
HSL	73°, 14%, 67%
HSV	73°, 13%, 71%
XYZ	41.0310, 45.2716, 38.9235
YIQ	177.7690, 4.7240, -8.5240

Conversions

Conversions Part 2

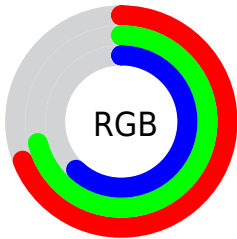
Format	Color
RYB	158, 182, 163
Decimal	11646622
CIELab	73.07, -6.04, 11.63
CIELCh	73, 13.101, 117.443
Yxy	45.2716, 0.3277, 0.3615
Android (android.graphics.Color)	4289836702 (0xFFB1B69E)
YUV	177.7690, -9.7461, -0.6744
Hunter-Lab	67.2842, -8.8951, 12.8000

Details

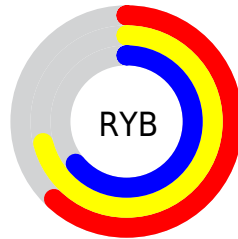
The XYZ color **41.0310, 45.2716, 38.9235** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **35.7763, 35.6188, 49.2478**, and the grayscale version is **42.2440, 44.4439, 48.3995**.

A 20% lighter version of the original color is **76.1890, 83.2768, 75.0092**, and **18.8163, 21.0471, 16.9807** is the 20% darker color. If you saturate the color by 10%, you get **38.7273, 44.2531, 31.2347**, and if you desaturate by 10%, it is **43.5933, 46.3992, 47.8375**.

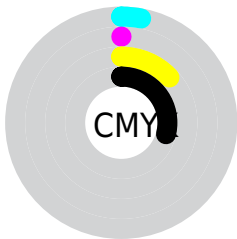
Distribution



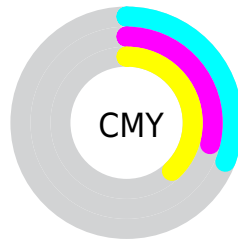
- Red (69%)
- Green (71%)
- Blue (62%)



- Red (62%)
- Yellow (71%)
- Blue (64%)



- Cyan (3%)
- Magenta (0%)
- Yellow (13%)
- Black (29%)



- Cyan (31%)
- Magenta (29%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.0310, 45.2716, 38.9235 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 41.0310, 45.2716, 38.9235 by changing the saturation by 10% instead.

■ 41.0310, 45.2716,
38.9235

■ 41.0310, 45.2716,
38.9235

341.5105,
367.8724, 356.9814

■ 28.5311, 31.6714,
26.3928

■ 76.0054, 83.1278,
74.7405

■ 18.8689, 21.1106,
16.8894

■ 99.2105, 108.1527,
98.8639

■ 11.6790, 13.2049,
9.9945

126.7148,
137.7545, 127.6887

■ 6.5961, 7.5698,
5.2898

158.8836,
172.3177, 161.6333

■ 3.2549, 3.8209,
2.3566

196.0822,
212.2267, 201.1163

■ 1.2900, 1.5739,
0.7626

238.6760,

■ 0.1757, 0.3399,

257.8659, 246.5563

0.0000

287.0303,
309.6197, 298.3718

■ 0.0000, 0.0000,
0.0000

■ 41.0310, 45.2716,
38.9235

■ 41.0310, 45.2716,
38.9235

■ 38.7273, 44.2531,
31.2347

■ 43.5933, 46.3992,
47.8375

■ 36.6680, 43.3337,
24.7145

■ 46.4202, 47.6340,
58.0239

■ 34.8434, 42.5109,
19.3065

■ 49.5221, 48.9816,
69.5311

■ 33.2414, 41.7799,
14.9483

■ 52.9077, 50.4456,
82.4041

■ 31.8488, 41.1353,
11.5714

■ 56.5854, 52.0292,
96.6858

■ 30.6508, 40.5712,
9.0991

■ 58.5352, 52.9245,
101.7381

■ 29.6305, 40.0808,
7.4434

■ 59.5596, 53.4526,
101.7860

■ 28.7677, 39.6560,
6.4989

■ 60.6093, 53.9937,
101.8351

■ 28.2420, 39.3929,
6.1151

■ 61.6844, 54.5480,
101.8854

Harmonies

Analogous

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



43.2261, 45.2716, 37.7338



41.0310, 45.2716, 38.9235



39.4223, 45.2716, 42.8111

Triad

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



41.0310, 45.2716, 38.9235



40.7021, 45.2716, 60.7088



47.5816, 45.2716, 49.8581

Complementary

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



41.0310, 45.2716, 38.9235



35.7763, 35.6188, 49.2478

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.



46.8498, 45.2716, 56.3984



41.0310, 45.2716, 38.9235



42.8330, 45.2716, 63.0005

Square

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



41.0310, 45.2716, 38.9235



39.2372, 45.2716, 55.3386



45.0914, 45.2716, 61.3579



47.0581, 45.2716, 43.7047

Rectangle

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



41.0310, 45.2716, 38.9235



38.8714, 45.2716, 46.6008



45.0914, 45.2716, 61.3579



47.4737, 45.2716, 52.0871

Sweetspot

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



41.0322, 45.2736, 38.9245



78.6026, 83.9296, 85.2117



38.5262, 38.5384, 37.7565



17.2807, 18.5023, 18.5376



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



41.0322, 45.2736, 38.9245



73.0504, 81.4860, 66.0365



38.4597, 43.9474, 38.8041



9.5620, 10.4063, 9.6116



19.9996, 27.8465, 4.3208



0.7518, 1.0058, 0.1545

Inverse Universe

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



35.7763, 35.6188, 49.2478



61.5432, 60.3469, 88.6402



38.3062, 36.9230, 49.3662



8.6914, 8.8073, 11.3213



6.5716, 2.6990, 31.4277



0.2834, 0.1218, 1.1103

Previews

White Background



This preview shows how the XYZ color 41.0310, 45.2716, 38.9235 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 41.0310, 45.2716, 38.9235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

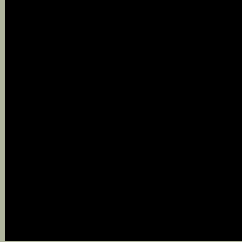
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

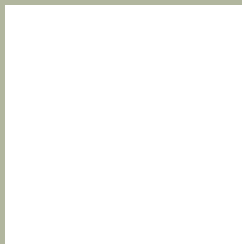
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.0310, 45.2716, 38.9235

Background



This preview shows how black text looks on a background with the XYZ color 41.0310, 45.2716, 38.9235.



This preview shows how white text looks on a background with the XYZ color 41.0310, 45.2716,

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

41.0310, 45.2716, 38.9235

Protanopia

42.8599, 45.3319, 37.9435

Deuteranopia

46.1906, 45.2626, 39.5598



Tritanopia

44.4175, 45.1510, 55.6642

Trichromacy



Original Color

41.0310, 45.2716, 38.9235

Protanomaly

42.1742, 45.2672, 38.4129

Deuteranomaly

44.0315, 45.0232, 39.1705

Tritanomaly

43.0792, 45.1982, 49.1014

Monochromacy



Original Color

41.0310, 45.2716, 38.9235

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

41.8309, 44.6455, 44.9408

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.0310, 45.2716, 38.9235 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, 182, 158)` looks like.

```
.text, #text, p{  
    color:rgb(177, 182, 158)  
}
```

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, 182, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 182, 158) }
```

Border

The CSS property to change the border of an element to XYZ 41.0310, 45.2716, 38.9235 is called "border". The border property can be set on classes, ids or directly on the HTML element.

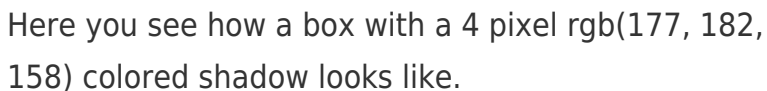
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 182, 158) }
```


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

```
.border{ border-color:rgb(177, 182, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 182, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 182, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 182, 158);  
box-shadow:4px 4px 4px 4px rgb(177, 182,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 41.0310, 45.2716, 38.9235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 182, 158) }
```

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

```
.background{ background-color: rgb(177,  
182, 158) }
```

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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