

Converting Colors

XYZ(45.1135, 45.5252, 49.9396)

Have a look what the booklet for
XYZ(45.1135, 45.5252, 49.9396)
contains.

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Color

**XYZ(45.2978, 45.7276,
50.1549)**

Conversions

Conversions Part 1

Format	Color
Hex	BEB1B5
RGB	190, 177, 181
RGB Percent	75%, 69%, 71%
CMY	0.2549, 0.3059, 0.2902
CMYK	0.00, 0.07, 0.05, 0.25
HSL	342°, 9%, 72%
HSV	342°, 7%, 75%
XYZ	45.2978, 45.7276, 50.1549
YIQ	181.3430, 6.4640, 4.0000

Conversions

Conversions Part 2

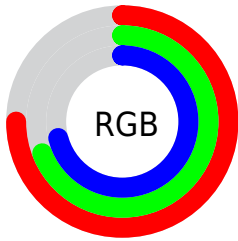
Format	Color
RYB	190, 177, 181
Decimal	12497333
CIELab	73.37, 5.35, -0.38
CIELCh	73, 5.360, 355.978
Yxy	45.7276, 0.3209, 0.3239
Android (android.graphics.Color)	4290687413 (0xFFBEB1B5)
YUV	181.3430, -0.1691, 7.5922
Hunter-Lab	67.6222, 1.2322, 3.3606

Details

The XYZ color **45.2978, 45.7276, 50.1549** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.4095, 49.7203, 53.6604**, and the grayscale version is **44.1061, 46.4030, 50.5329**.

A 20% lighter version of the original color is **82.4310, 83.9851, 91.9869**, and **21.4205, 21.2922, 23.4029** is the 20% darker color. If you saturate the color by 10%, you get **40.5164, 38.2239, 42.2121**, and if you desaturate by 10%, it is **50.7318, 54.3314, 58.9454**.

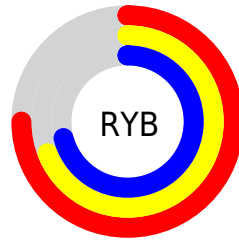
Distribution



Red (75%)

Green (69%)

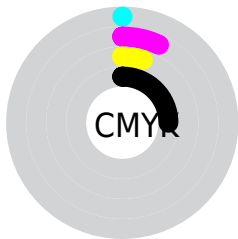
Blue (71%)



Red (75%)

Yellow (69%)

Blue (71%)

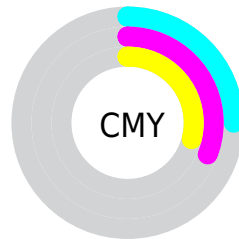


Cyan (0%)

Magenta (7%)

Yellow (5%)

Black (25%)



Cyan (25%)

Magenta (31%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.2978, 45.7276, 50.1549 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 45.2978, 45.7276, 50.1549 by changing the saturation by 10% instead.

■ 45.2978, 45.7276,
50.1549

■ 45.2978, 45.7276,
50.1549

358.7418,
369.7124, 404.0238

■ 31.8943, 32.0309,
35.1644

■ 82.4014, 83.8112,
91.8030

■ 21.4360, 21.3851,
23.5050

106.8323,
108.9669, 119.2977

■ 13.5573, 13.4058,
14.7581

135.6697,
138.7110, 151.7977

■ 7.8931, 7.7086,
8.5050

169.2789,
173.4280, 189.7213

■ 4.0778, 3.9090,
4.3274

208.0254,
213.5023, 233.4872

■ 1.7463, 1.6228,
1.8066

252.2745,

■ 0.4850, 0.3729,

259.3181, 283.5139

0.4323

302.3915,
311.2601, 340.2199

■ 0.0000, 0.0000,
0.0000

■ 45.2978, 45.7276,
50.1549

■ 45.2978, 45.7276,
50.1549

■ 40.5164, 38.2239,
42.2121

■ 50.7318, 54.3314,
58.9454

■ 36.3588, 31.7698,
35.0885

■ 56.8382, 64.0710,
68.6052

■ 32.7997, 26.3201,
28.7580

■ 63.6406, 74.9881,
79.1588

■ 29.8104, 21.8238,
23.1921

■ 71.1604, 87.1202,
90.6287

■ 27.3600, 18.2252,
18.3605

■ 73.7511, 89.1695,
101.1479

■ 25.4143, 15.4632,
14.2307

■ 75.0454, 89.6873,
107.9638

■ 23.9353, 13.4685,
10.7676

■ 22.8788, 12.1609,
7.9323

■ 22.1863, 11.4319,
5.6795

Harmonies

Analogous

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



44.9839, 45.7276, 52.7538



45.2978, 45.7276, 50.1549



45.1142, 45.7276, 47.5481

Triad

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



45.2978, 45.7276, 50.1549



42.6728, 45.7276, 45.2631



42.4555, 45.7276, 54.2216

Complementary

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



45.2978, 45.7276, 50.1549



45.4095, 49.7203, 53.6604

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.



41.8520, 45.7276, 52.1005



45.2978, 45.7276, 50.1549



41.9762, 45.7276, 46.9386

Square

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



45.2978, 45.7276, 50.1549



43.5901, 45.7276, 44.7841



41.6779, 45.7276, 49.4260



43.3356, 45.7276, 55.1548

Rectangle

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



45.2978, 45.7276, 50.1549



44.7358, 45.7276, 46.1459



41.6779, 45.7276, 49.4260



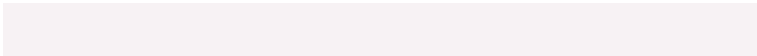
42.2140, 45.7276, 53.6202

Sweetspot

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



45.2991, 45.7296, 50.1559



86.6712, 90.1093, 98.3525



45.2393, 45.5886, 55.1309



19.0541, 19.8219, 21.6328



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.



45.2991, 45.7296, 50.1559



80.9050, 81.0042, 88.9477



45.3695, 46.5174, 48.1849



9.6477, 9.5834, 10.5340



14.6666, 7.4978, 3.5380



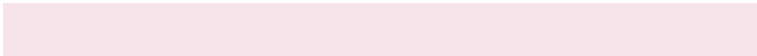
0.6047, 0.3058, 0.2974

Inverse Universe

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



45.2991, 45.7296, 50.1559



80.9050, 81.0042, 88.9477



45.3286, 48.8690, 55.7593



9.6477, 9.5834, 10.5340



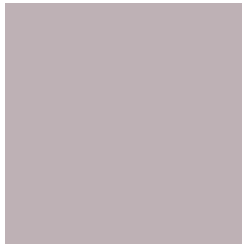
14.6666, 7.4978, 3.5380



0.6047, 0.3058, 0.2974

Previews

White Background



This preview shows how the XYZ color 45.2978, 45.7276, 50.1549 looks on a white background.

Color Contrast Check

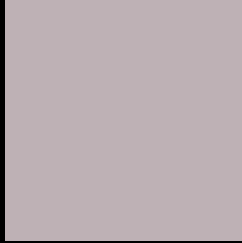
Large Text (above 18pt) WCAG AA × Fail

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 45.2978, 45.7276, 50.1549 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

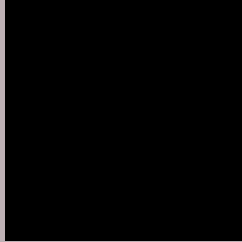
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.2978, 45.7276, 50.1549

Background



This preview shows how black text looks on a background with the XYZ color 45.2978, 45.7276, 50.1549.



This preview shows how white text looks on a background with the XYZ color 45.2978, 45.7276,

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

45.2978, 45.7276, 50.1549

Protanopia

44.0920, 45.6849, 50.7501

Deuteranopia

46.6964, 45.8665, 50.1080



Tritanopia

46.1965, 45.8012, 54.5498

Trichromacy



Original Color

45.2978, 45.7276, 50.1549

Protanomaly

44.6136, 45.6573, 50.7173

Deuteranomaly

46.1140, 45.8562, 50.1367

Tritanomaly

45.8741, 45.6722, 52.8522

Monochromacy



Original Color

45.2978, 45.7276, 50.1549

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

44.4289, 46.1691, 50.2859

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.2978, 45.7276, 50.1549 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(190, 177, 181)` looks like.

```
.text, #text, p{  
    color:rgb(190, 177, 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(190, 177, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 177, 181) }
```

Border

The CSS property to change the border of an element to XYZ 45.2978, 45.7276, 50.1549 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(190, 177, 181) }
```


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

```
.border{ border-color:rgb(190, 177, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 177, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 177, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 177, 181);  
box-shadow:4px 4px 4px 4px rgb(190, 177,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 45.2978, 45.7276, 50.1549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 177, 181) }
```

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

```
.background{ background-color: rgb(190,  
177, 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](#).

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