

Converting Colors

XYZ(44.5648, 44.9228, 49.4443)

Have a look what the booklet for
XYZ(44.5648, 44.9228, 49.4443)
contains.

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Color

**XYZ(44.5545, 44.7740,
49.4740)**

Conversions

Conversions Part 1

Format	Color
Hex	BDAFB4
RGB	189, 175, 180
RGB Percent	74%, 69%, 71%
CMY	0.2588, 0.3137, 0.2941
CMYK	0.00, 0.07, 0.05, 0.26
HSL	339°, 10%, 71%
HSV	339°, 7%, 74%
XYZ	44.5545, 44.7740, 49.4740
YIQ	179.7560, 6.7390, 4.5230

Conversions

Conversions Part 2

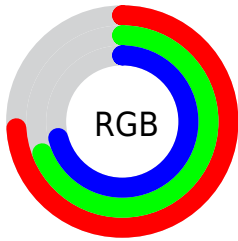
Format	Color
RYB	189, 175, 180
Decimal	12431284
CIELab	72.74, 5.90, -0.75
CIELCh	73, 5.943, 352.727
Yxy	44.7740, 0.3210, 0.3226
Android (android.graphics.Color)	4290621364 (0xFFBD4FB4)
YUV	179.7560, 0.1203, 8.1070
Hunter-Lab	66.9134, 1.7564, 3.0019

Details

The XYZ color **44.5545, 44.7740, 49.4740** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.5303, 48.9711, 52.4552**, and the grayscale version is **43.2495, 45.5018, 49.5515**.

A 20% lighter version of the original color is **81.3724, 82.6204, 91.0154**, and **21.0671, 20.9325, 23.0087** is the 20% darker color. If you saturate the color by 10%, you get **39.9463, 37.4524, 42.0954**, and if you desaturate by 10%, it is **49.7887, 53.1726, 57.5979**.

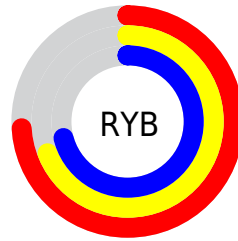
Distribution



Red (74%)

Green (69%)

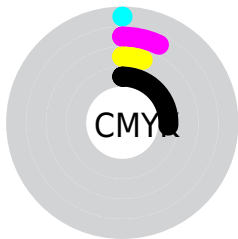
Blue (71%)



Red (74%)

Yellow (69%)

Blue (71%)

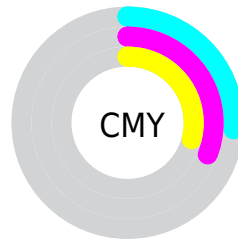


Cyan (0%)

Magenta (7%)

Yellow (5%)

Black (26%)



Cyan (26%)

Magenta (31%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.5545, 44.7740, 49.4740 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 44.5545, 44.7740, 49.4740 by changing the saturation by 10% instead.

■ 44.5545, 44.7740,
49.4740

■ 44.5545, 44.7740,
49.4740

355.7804,
365.8575, 401.2814

■ 31.3064, 31.2795,
34.6274

■ 81.2927, 82.3812,
90.7833

■ 20.9853, 20.8117,
23.0947

105.5135,
107.2626, 118.0831

■ 13.2256, 12.9865,
14.4575

134.1227,
136.7084, 150.3710

■ 7.6622, 7.4192,
8.2972

167.4855,
171.1030, 188.0655

■ 3.9295, 3.7256,
4.1952

205.9673,
210.8309, 231.5853

■ 1.6623, 1.5213,
1.7330

249.9335,

■ 0.4325, 0.3036,

256.2763, 281.3489

0.3832

299.7494,
307.8237, 337.7747

■ 0.0000, 0.0000,
0.0000

■ 44.5545, 44.7740,
49.4740

■ 44.5545, 44.7740,
49.4740

■ 39.9463, 37.4524,
42.0954

■ 49.7887, 53.1726,
57.5979

■ 35.9363, 31.1584,
35.4376

■ 55.6677, 62.6836,
66.4851

■ 32.5001, 25.8472,
29.4788

■ 62.2144, 73.3478,
76.1563

■ 29.6100, 21.4687,
24.1948

■ 69.4493, 85.2023,
86.6307

■ 27.2363, 17.9680,
19.5602

■ 72.5888, 88.6759,
96.3257

■ 25.3460, 15.2846,
15.5475

■ 74.4632, 89.4256,
106.1964

■ 23.9022, 13.3502,
12.1272

■ 74.7966, 89.5590,
107.9522

■ 22.8620, 12.0853,
9.2666

■ 22.1652, 11.3756,
6.9260

Harmonies

Analogous

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



44.1544, 44.7740, 52.2733



44.5545, 44.7740, 49.4740



44.4123, 44.7740, 46.5892

Triad

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



44.5545, 44.7740, 49.4740



41.7946, 44.7740, 43.6969



41.3663, 44.7740, 53.4131

Complementary

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



44.5545, 44.7740, 49.4740



44.5303, 48.9711, 52.4552

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.



40.7528, 44.7740, 50.9792



44.5545, 44.7740, 49.4740



40.9973, 44.7740, 45.3911

Square

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



44.5545, 44.7740, 49.4740



42.8080, 44.7740, 43.3303



40.6188, 44.7740, 48.0356



42.3057, 44.7740, 54.6065

Rectangle

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



44.5545, 44.7740, 49.4740



44.0302, 44.7740, 44.9974



40.6188, 44.7740, 48.0356



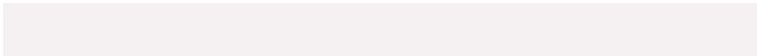
41.1157, 44.7740, 52.7083

Sweetspot

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



44.5558, 44.7760, 49.4750



84.6930, 88.0301, 96.2582



44.2521, 44.5100, 54.4039



18.2340, 18.9644, 20.7327



90.7827, 95.5105, 104.0109



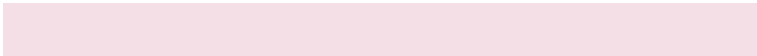
18.6292, 19.5994, 21.3438

Same Dimension

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



44.5558, 44.7760, 49.4750



78.2842, 77.7768, 86.2165



44.4215, 45.3075, 46.9636



9.6671, 9.5911, 10.6359



14.8449, 7.5691, 4.4768



0.6131, 0.3091, 0.3417

Inverse Universe

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



44.5558, 44.7760, 49.4750



78.2842, 77.7768, 86.2165



44.6646, 48.3867, 55.1304



9.6671, 9.5911, 10.6359



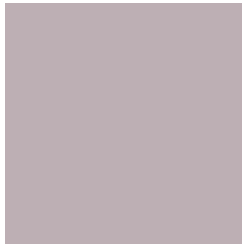
14.8449, 7.5691, 4.4768



0.6131, 0.3091, 0.3417

Previews

White Background



This preview shows how the XYZ color 44.5545, 44.7740, 49.4740 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 44.5545, 44.7740, 49.4740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

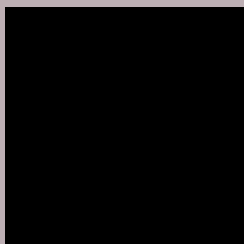
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

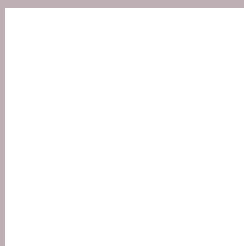
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.5545, 44.7740, 49.4740

Background



This preview shows how black text looks on a background with the XYZ color 44.5545, 44.7740, 49.4740.



This preview shows how white text looks on a background with the XYZ color 44.5545, 44.7740,

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

44.5545, 44.7740, 49.4740

Protanopia

43.4199, 45.0419, 50.6615

Deuteranopia

45.6875, 44.7845, 49.4163



Tritanopia

45.3409, 44.8071, 53.2726

Trichromacy



Original Color

44.5545, 44.7740, 49.4740

Protanomaly

43.8298, 44.9708, 50.0862

Deuteranomaly

45.3666, 44.9048, 49.4564

Tritanomaly

45.0230, 44.6799, 51.5985

Monochromacy



Original Color

44.5545, 44.7740, 49.4740

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

43.6871, 45.2034, 49.6026

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.5545, 44.7740, 49.4740 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(189, 175, 180)` looks like.

```
.text, #text, p{  
    color:rgb(189, 175, 180)  
}
```

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(189, 175, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 175, 180) }
```

Border

The CSS property to change the border of an element to XYZ 44.5545, 44.7740, 49.4740 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(189, 175, 180) }
```


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

```
.border{ border-color:rgb(189, 175, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 175, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 175, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 175, 180);  
box-shadow:4px 4px 4px 4px rgb(189, 175,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 44.5545, 44.7740, 49.4740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 175, 180) }
```

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

```
.background{ background-color: rgb(189,  
175, 180) }
```

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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