

Converting Colors

XYZ(45.7680, 49.2576, 54.1043)

Have a look what the booklet for
XYZ(45.7680, 49.2576, 54.1043)
contains.

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Color

**XYZ(45.7753, 49.2576,
54.1088)**

Conversions

Conversions Part 1

Format	Color
Hex	B4BCBB
RGB	180, 188, 187
RGB Percent	71%, 74%, 73%
CMY	0.2941, 0.2627, 0.2667
CMYK	0.04, 0.00, 0.01, 0.26
HSL	172°, 6%, 72%
HSV	172°, 4%, 74%
XYZ	45.7753, 49.2576, 54.1088
YIQ	185.4940, -4.4470, -2.0070

Conversions

Conversions Part 2

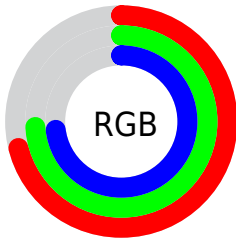
Format	Color
R _Y B	180, 184, 188
Decimal	11844795
CIE Lab	75.61, -2.95, -0.47
CIE LCh	76, 2.990, 188.959
Yxy	49.2576, 0.3069, 0.3303
Android (android.graphics.Color)	4290034875 (0xFFB4BCBB)
YUV	185.4940, 0.7425, -4.8182
Hunter-Lab	70.1838, -6.4002, 3.4185

Details

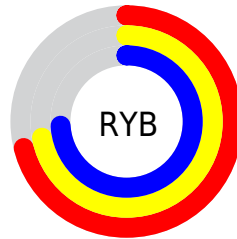
The XYZ color **45.7753, 49.2576, 54.1088** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.4026, 46.6715, 50.3340**, and the grayscale version is **46.3882, 48.8040, 53.1476**.

A 20% lighter version of the original color is **83.1204, 89.0053, 97.5928**, and **21.7194, 23.5612, 25.9573** is the 20% darker color. If you saturate the color by 10%, you get **41.4422, 47.0541, 52.6010**, and if you desaturate by 10%, it is **50.7090, 51.7730, 55.6684**.

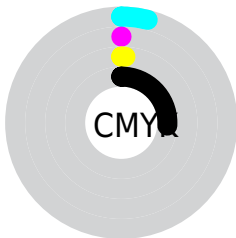
Distribution



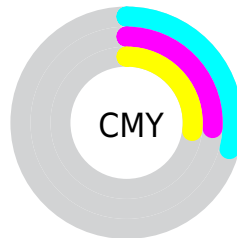
- Red (71%)
- Green (74%)
- Blue (73%)



- Red (71%)
- Yellow (72%)
- Blue (74%)



- Cyan (4%)
- Magenta (0%)
- Yellow (1%)
- Black (26%)



- Cyan (29%)
- Magenta (26%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.7753, 49.2576, 54.1088 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 45.7753, 49.2576, 54.1088 by changing the saturation by 10% instead.

■ 45.7753, 49.2576,
54.1088

■ 45.7753, 49.2576,
54.1088

360.6356,
383.7556, 419.7111

■ 32.2724, 34.8239,
38.2949

■ 83.1125, 89.0739,
97.6920

■ 21.7262, 23.5272,
25.9080

107.6776,
115.2253, 126.2983

■ 13.7713, 14.9833,
16.5297

136.6608,
146.0514, 160.0059

■ 8.0424, 8.8077,
9.7414

170.4274,
181.9365, 199.2333

■ 4.1741, 4.6159,
5.1245

209.3429,
223.2651, 244.3989

■ 1.8011, 2.0237,
2.2605

253.7725,

■ 0.5183, 0.6212,

270.4215, 295.9214

0.7089

304.0816,
323.7902, 354.2193

■ 0.0000, 0.0000,
0.0000

■ 45.7753, 49.2576,
54.1088

■ 45.7753, 49.2576,
54.1088

■ 41.4422, 47.0541,
52.6010

■ 50.7090, 51.7730,
55.6684

■ 37.6818, 45.1440,
51.1404

■ 56.2616, 54.6056,
57.2776

■ 34.4701, 43.5162,
49.7270

■ 62.4556, 57.7684,
58.9387

■ 31.7798, 42.1568,
48.3592

■ 69.2365, 61.2332,
60.6491

■ 29.5814, 41.0505,
47.0357

■ 69.5076, 61.3417,
62.0769

■ 27.8423, 40.1805,
45.7547

■ 69.7830, 61.4518,
63.5270

■ 26.5259, 39.5280,
44.5146

■ 70.0626, 61.5637,
64.9995

■ 25.5900, 39.0711,
43.3131

■ 70.3465, 61.6773,
66.4945

■ 24.9838, 38.7838,
42.1478

■ 70.6347, 61.7925,
68.0121

Harmonies

Analogous

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



45.8324, 49.2576, 52.5471



45.7753, 49.2576, 54.1088



45.9958, 49.2576, 55.5709

Triad

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



45.7753, 49.2576, 54.1088



47.4897, 49.2576, 56.0363



47.2007, 49.2576, 50.8407

Complementary

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



45.7753, 49.2576, 54.1088



45.4026, 46.6715, 50.3340

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.



47.6496, 49.2576, 51.7410



45.7753, 49.2576, 54.1088



47.8174, 49.2576, 54.7340

Square

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



45.7753, 49.2576, 54.1088



46.9837, 49.2576, 56.6980



47.8762, 49.2576, 53.1603



46.6525, 49.2576, 50.6808

Rectangle

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



45.7753, 49.2576, 54.1088



46.2717, 49.2576, 56.2850



47.8762, 49.2576, 53.1603



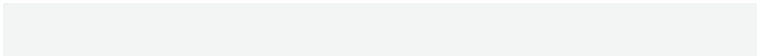
47.3684, 49.2576, 51.0659

Sweetspot

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



45.7767, 49.2597, 54.1099



85.7350, 90.6851, 98.9664



45.2947, 49.0957, 50.2700



18.4468, 19.5064, 21.2854



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.



45.7767, 49.2597, 54.1099



82.2706, 88.9207, 97.8321



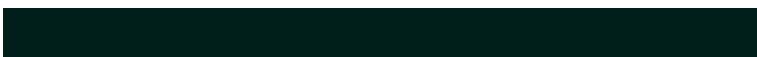
45.2639, 48.0617, 54.4706



10.1282, 10.9780, 12.0905



16.8521, 26.3311, 28.3479



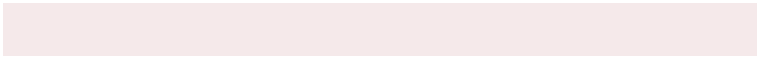
0.6747, 1.0373, 1.1874

Inverse Universe

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



45.4026, 46.6715, 50.3340



81.4657, 83.3514, 89.7074



45.8988, 47.8278, 49.9934



10.0186, 10.2193, 10.9836



14.2448, 7.3291, 1.3170



0.5741, 0.2935, 0.1365

Previews

White Background



This preview shows how the XYZ color 45.7753, 49.2576, 54.1088 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 45.7753, 49.2576, 54.1088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

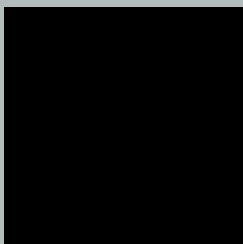
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

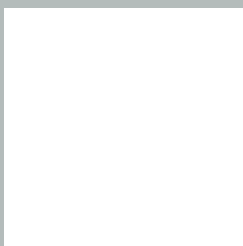
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 45.7753, 49.2576, 54.1088

Background



This preview shows how black text looks on a background with the XYZ color 45.7753, 49.2576, 54.1088.



This preview shows how white text looks on a background with the XYZ color 45.7753, 49.2576,

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

45.7753, 49.2576, 54.1088

Protanopia

47.0922, 49.0195, 52.8786

Deuteranopia

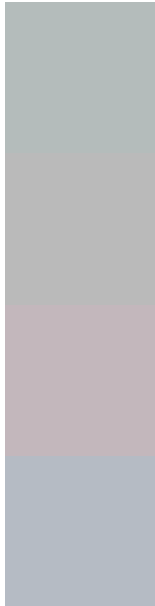
50.1352, 49.0131, 54.9622



Tritanopia

47.3929, 49.2799, 62.2724

Trichromacy



Original Color

45.7753, 49.2576, 54.1088

Protanomaly

46.6715, 49.1021, 53.4722

Deuteranomaly

48.5163, 49.0999, 54.4971

Tritanomaly

46.7902, 49.3499, 59.2839

Monochromacy



Original Color

45.7753, 49.2576, 54.1088

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

45.9503, 48.7303, 53.4384

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.7753, 49.2576, 54.1088 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(180, 188, 187)` looks like.

```
.text, #text, p{  
    color:rgb(180, 188, 187)  
}
```

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(180, 188, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 188, 187) }
```

Border

The CSS property to change the border of an element to XYZ 45.7753, 49.2576, 54.1088 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(180, 188, 187) }
```


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

```
.border{ border-color:rgb(180, 188, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 188, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 188, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 188, 187);  
box-shadow:4px 4px 4px 4px rgb(180, 188,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 45.7753, 49.2576, 54.1088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 188, 187) }
```

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

```
.background{ background-color: rgb(180,  
188, 187) }
```

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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