

Converting Colors

XYZ(49.0999, 53.3574, 54.7842)

Have a look what the booklet for
XYZ(49.0999, 53.3574, 54.7842)
contains.

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Color

**XYZ(48.9783, 53.1829,
54.6976)**

Conversions

Conversions Part 1

Format	Color
Hex	BBC3BB
RGB	187, 195, 187
RGB Percent	73%, 76%, 73%
CMY	0.2667, 0.2353, 0.2667
CMYK	0.04, 0.00, 0.04, 0.24
HSL	120°, 6%, 75%
HSV	120°, 4%, 76%
XYZ	48.9783, 53.1829, 54.6976
YIQ	191.6960, -2.2000, -4.1840

Conversions

Conversions Part 2

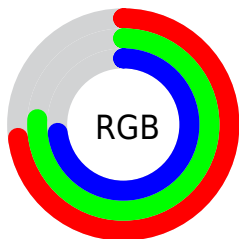
Format	Color
RYB	187, 195, 195
Decimal	12305339
CIELab	77.98, -4.24, 3.05
CIELCh	78, 5.223, 144.260
Yxy	53.1829, 0.3122, 0.3390
Android (android.graphics.Color)	4290495419 (0xFFBBC3BB)
YUV	191.6960, -2.3151, -4.1184
Hunter-Lab	72.9266, -7.7390, 6.5790

Details

The XYZ color **48.9783, 53.1829, 54.6976** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.1283, 51.0843, 58.8507**, and the grayscale version is **49.9410, 52.5418, 57.2180**.

A 20% lighter version of the original color is **87.9502, 95.1466, 98.5237**, and **23.6595, 25.8393, 26.2948** is the 20% darker color. If you saturate the color by 10%, you get **42.5800, 50.1110, 44.2308**, and if you desaturate by 10%, it is **56.3109, 56.7067, 66.6902**.

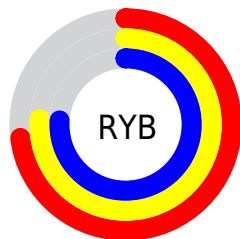
Distribution



Red (73%)

Green (76%)

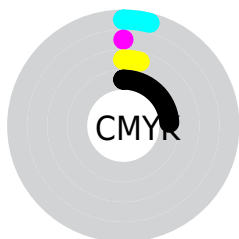
Blue (73%)



Red (73%)

Yellow (76%)

Blue (76%)

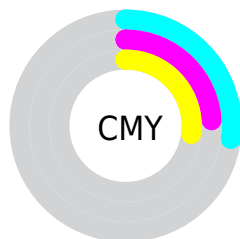


Cyan (4%)

Magenta (0%)

Yellow (4%)

Black (24%)



Cyan (27%)

Magenta (24%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.9783, 53.1829, 54.6976 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 48.9783, 53.1829, 54.6976 by changing the saturation by 10% instead.

■ 48.9783, 53.1829,
54.6976

■ 48.9783, 53.1829,
54.6976

373.1753,
398.9864, 422.0142

■ 34.8167, 37.9488,
38.7627

■ 87.8601, 94.8734,
98.5645

■ 23.6876, 25.9430,
26.2688

113.3111,
122.0987, 127.3335

■ 15.2255, 16.7810,
16.7972

143.2559,
154.0898, 161.2176

■ 9.0652, 10.0784,
9.9296

178.0600,
191.2311, 200.6355

■ 4.8412, 5.4510,
5.2473

218.0886,
233.9070, 246.0055

■ 2.1882, 2.5142,
2.3318

263.7071,

■ 0.7365, 0.8838,

282.5019, 297.7463

0.7490

315.2809,
337.4003, 356.2763

■ 0.0000, 0.0000,
0.0000

■ 48.9783, 53.1829,
54.6976

■ 48.9783, 53.1829,
54.6976

■ 42.5800, 50.1110,
44.2308

■ 56.3109, 56.7067,
66.6902

■ 37.0743, 47.4664,
35.2252

■ 64.6086, 60.6925,
80.2625

■ 32.4229, 45.2321,
27.6170

■ 73.9062, 65.1586,
95.4704

■ 28.5831, 43.3876,
21.3362

■ 78.8061, 67.5123,
103.4854

■ 25.5083, 41.9106,
16.3068

■ 23.1473, 40.7765,
12.4450

■ 21.4428, 39.9578,
9.6569

■ 20.3285, 39.4225,
7.8341

■ 19.7242, 39.1322,
6.8457

Harmonies

Analogous

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



49.7496, 53.1829, 52.9506



48.9783, 53.1829, 54.6976



48.6282, 53.1829, 57.3489

Triad

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



48.9783, 53.1829, 54.6976



50.3535, 53.1829, 63.6592



52.3523, 53.1829, 55.6367

Complementary

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



48.9783, 53.1829, 54.6976



50.1283, 51.0843, 58.8507

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.



52.5192, 53.1829, 58.4690



48.9783, 53.1829, 54.6976



51.3564, 53.1829, 63.1637

Square

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



48.9783, 53.1829, 54.6976



49.4153, 53.1829, 62.5721



52.1524, 53.1829, 61.2398



51.6994, 53.1829, 53.4800

Rectangle

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



48.9783, 53.1829, 54.6976



48.6774, 53.1829, 59.2974



52.1524, 53.1829, 61.2398



52.4675, 53.1829, 56.5387

Sweetspot

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



48.9798, 53.1852, 54.6988



91.5932, 97.1115, 104.2982



50.9928, 54.2229, 54.7929



20.0720, 21.2731, 22.8631



0.0000, 0.0000, 0.0000



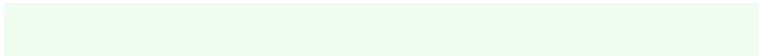
20.3446, 21.4041, 23.3091

Same Dimension

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



48.9798, 53.1852, 54.6988



86.5311, 94.6799, 96.0182



49.4143, 53.3590, 56.9868



10.4804, 11.5163, 11.5875



12.6838, 25.3676, 4.2280



0.5480, 1.0961, 0.1827

Inverse Universe

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



50.1283, 51.0843, 58.8507



89.0595, 90.0551, 105.1581



49.6818, 50.9057, 56.4992



10.8206, 10.8940, 12.8173



21.0296, 10.1016, 34.3974



0.9086, 0.4365, 1.4862

Previews

White Background



This preview shows how the XYZ color 48.9783, 53.1829, 54.6976 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 48.9783, 53.1829, 54.6976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

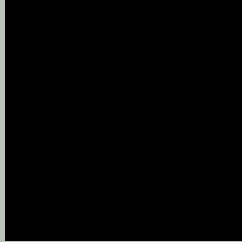
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

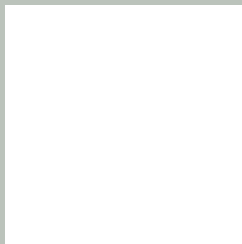
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.9783, 53.1829, 54.6976

Background



This preview shows how black text looks on a background with the XYZ color 48.9783, 53.1829, 54.6976.



This preview shows how white text looks on a background with the XYZ color 48.9783, 53.1829,

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

48.9783, 53.1829, 54.6976

Protanopia

50.8953, 53.2078, 53.4866

Deuteranopia

54.1848, 52.9381, 55.5063



Tritanopia

51.3473, 53.1514, 66.5844

Trichromacy



Original Color

48.9783, 53.1829, 54.6976

Protanomaly

50.1810, 53.1544, 54.0694

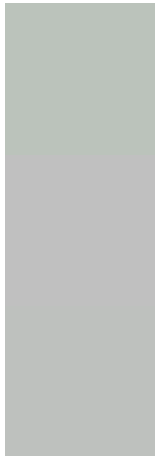
Deuteranomaly

52.1765, 52.8634, 55.0306

Tritanomaly

50.4816, 53.1289, 62.2378

Monochromacy



Original Color

48.9783, 53.1829, 54.6976

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

49.5994, 52.8048, 56.2934

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.9783, 53.1829, 54.6976 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(187, 195, 187)` looks like.

```
.text, #text, p{  
    color:rgb(187, 195, 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(187, 195, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 195, 187) }
```

Border

The CSS property to change the border of an element to XYZ 48.9783, 53.1829, 54.6976 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(187, 195, 187) }
```


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

```
.border{ border-color:rgb(187, 195, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 195, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 195, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 195, 187);  
box-shadow:4px 4px 4px 4px rgb(187, 195,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 48.9783, 53.1829, 54.6976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 195, 187) }
```

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

```
.background{ background-color: rgb(187,  
195, 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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