

Converting Colors

XYZ(50.8549, 55.0948, 49.0474)

Have a look what the booklet for
XYZ(50.8549, 55.0948, 49.0474)
contains.

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Color

**XYZ(50.8287, 54.9374,
48.9993)**

Conversions

Conversions Part 1

Format	Color
Hex	C5C5B0
RGB	197, 197, 176
RGB Percent	77%, 77%, 69%
CMY	0.2274, 0.2274, 0.3098
CMYK	0.00, 0.00, 0.11, 0.23
HSL	60°, 15%, 73%
HSV	60°, 11%, 77%
XYZ	50.8287, 54.9374, 48.9993
YIQ	194.6060, 6.7410, -6.5310

Conversions

Conversions Part 2

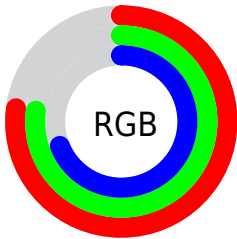
Format	Color
RYB	176, 197, 176
Decimal	12961200
CIELab	79.01, -3.66, 10.54
CIELCh	79, 11.156, 109.153
Yxy	54.9374, 0.3284, 0.3550
Android (android.graphics.Color)	4291151280 (0xFFC5C5B0)
YUV	194.6060, -9.1728, 2.0995
Hunter-Lab	74.1198, -7.3006, 12.6882

Details

The XYZ color **50.8287, 54.9374, 48.9993** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.5099, 44.3134, 59.0864**, and the grayscale version is **51.6886, 54.3805, 59.2203**.

A 20% lighter version of the original color is **90.8803, 97.7806, 90.4276**, and **24.7253, 26.9146, 22.6308** is the 20% darker color. If you saturate the color by 10%, you get **49.0189, 54.2152, 39.4673**, and if you desaturate by 10%, it is **52.9244, 55.7776, 60.0236**.

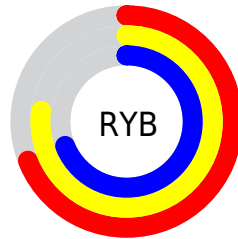
Distribution



Red (77%)

Green (77%)

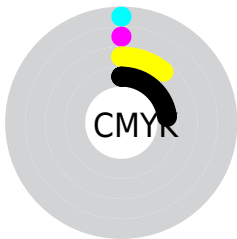
Blue (69%)



Red (69%)

Yellow (77%)

Blue (69%)

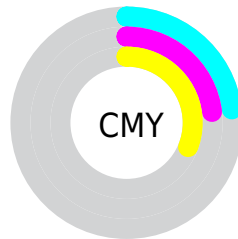


Cyan (0%)

Magenta (0%)

Yellow (11%)

Black (23%)



Cyan (23%)


Magenta (23%)

Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.8287, 54.9374, 48.9993 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 50.8287, 54.9374, 48.9993 by changing the saturation by 10% instead.


 50.8287, 54.9374,
48.9993

 50.8287, 54.9374,
48.9993

380.2965,
405.6746, 399.3620

 36.2928, 39.3516,
34.2533


 90.5860, 97.4492,
90.0714

 24.8316, 27.0334,
22.8093


116.5381,
125.1441, 117.2346

 16.0797, 17.5983,
14.2488


147.0263,
157.6440, 149.3739

 9.6718, 10.6620,
8.1532

182.4160,
195.3335, 186.9080

 5.2425, 5.8400,
4.1040

223.0725,
238.5969, 230.2553

 2.4264, 2.7480,
1.6825

269.3612,

 0.8583, 1.0017,

287.8186, 279.8343

0.3487

321.6474,
343.3831, 336.0637

■ 0.0000, 0.0000,
0.0000

■ 50.8287, 54.9374,
48.9993

■ 50.8287, 54.9374,
48.9993

■ 49.0189, 54.2152,
39.4673

■ 52.9244, 55.7776,
60.0236

■ 47.4784, 53.5989,
31.3602

■ 55.3130, 56.7332,
72.5967

■ 46.1957, 53.0857,
24.6106

■ 58.0067, 57.8107,
86.7766

■ 45.1568, 52.6700,
19.1444

■ 61.0157, 59.0145,
102.6170

■ 44.3461, 52.3456,
14.8804

■ 61.0483, 59.0276,
102.7836

■ 43.7465, 52.1057,
11.7279

■ 61.0493, 59.0281,
102.7837

■ 43.3384, 51.9423,
9.5837

■ 61.0502, 59.0286,
102.7837

■ 43.0984, 51.8462,
8.3253

■ 61.0512, 59.0291,
102.7837

■ 42.9851, 51.8008,
7.7330

■ 61.0521, 59.0296,
102.7838

Harmonies

Analogous

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



53.0235, 54.9374, 48.5993



50.8287, 54.9374, 48.9993



49.0543, 54.9374, 52.1749

Triad

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



50.8287, 54.9374, 48.9993



49.4747, 54.9374, 69.5471



56.5207, 54.9374, 62.1470

Complementary

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



50.8287, 54.9374, 48.9993



43.5099, 44.3134, 59.0864

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.



55.5115, 54.9374, 68.1722



50.8287, 54.9374, 48.9993



51.4174, 54.9374, 72.6415

Square

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



50.8287, 54.9374, 48.9993



48.2880, 54.9374, 63.9176



53.6290, 54.9374, 72.1212



56.3522, 54.9374, 55.8966

Rectangle

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



50.8287, 54.9374, 48.9993



48.3290, 54.9374, 55.5728



53.6290, 54.9374, 72.1212



56.3068, 54.9374, 64.2730

Sweetspot

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



50.8302, 54.9398, 49.0005



93.8421, 99.5168, 102.5418



46.3895, 46.0569, 47.5200



20.0187, 21.2737, 21.5937



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.



50.8302, 54.9398, 49.0005



90.1625, 98.0447, 83.1743



48.1761, 53.5716, 48.8763



11.5237, 12.4169, 11.3521



28.2718, 34.0700, 5.0861



1.3387, 1.6132, 0.2408

Inverse Universe

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



43.5099, 44.3134, 59.0864



74.2116, 74.8898, 105.1515



45.9764, 45.5849, 59.2018



10.0569, 10.2876, 13.3731



6.6292, 2.6517, 34.9068



0.3140, 0.1256, 1.6528

Previews

White Background



This preview shows how the XYZ color 50.8287, 54.9374, 48.9993 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 50.8287, 54.9374, 48.9993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

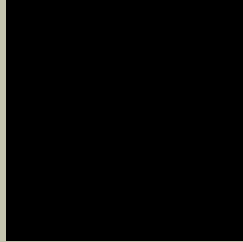
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

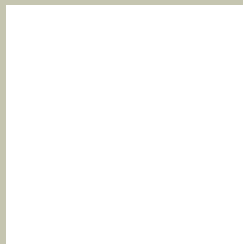
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.8287, 54.9374, 48.9993

Background



This preview shows how black text looks on a background with the XYZ color 50.8287, 54.9374, 48.9993.



This preview shows how white text looks on a background with the XYZ color 50.8287, 54.9374,

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

50.8287, 54.9374, 48.9993

Protanopia

52.1548, 54.9627, 48.4175

Deuteranopia

56.0523, 54.9817, 49.7777



Tritanopia

54.5919, 54.8099, 67.3766

Trichromacy



Original Color

50.8287, 54.9374, 48.9993

Protanomaly

51.5652, 54.9925, 48.4543

Deuteranomaly

53.9368, 54.8706, 49.3433

Tritanomaly

53.0750, 54.8485, 60.0140

Monochromacy



Original Color

50.8287, 54.9374, 48.9993

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

51.5820, 54.8465, 55.4447

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.8287, 54.9374, 48.9993 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(197, 197, 176)` looks like.

```
.text, #text, p{  
    color:rgb(197, 197, 176)  
}
```

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(197, 197, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 197, 176) }
```

Border

The CSS property to change the border of an element to XYZ 50.8287, 54.9374, 48.9993 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(197, 197, 176) }
```


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

```
.border{ border-color:rgb(197, 197, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 197, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 197, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 197, 176);  
box-shadow:4px 4px 4px 4px rgb(197, 197,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 50.8287, 54.9374, 48.9993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 197, 176) }
```

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

```
.background{ background-color: rgb(197,  
197, 176) }
```

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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