

Converting Colors

XYZ(49.5754, 52.9922, 54.2533)

Have a look what the booklet for
XYZ(49.5754, 52.9922, 54.2533)
contains.

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Color

**XYZ(49.4187, 52.7615,
54.0337)**

Conversions

Conversions Part 1

Format	Color
Hex	BFC1BA
RGB	191, 193, 186
RGB Percent	75%, 76%, 73%
CMY	0.2510, 0.2431, 0.2706
CMYK	0.01, 0.00, 0.04, 0.24
HSL	77°, 5%, 74%
HSV	77°, 4%, 76%
XYZ	49.4187, 52.7615, 54.0337
YIQ	191.6040, 1.0550, -2.6010

Conversions

Conversions Part 2

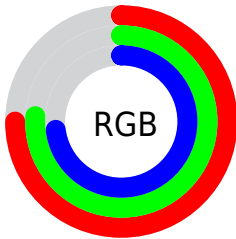
Format	Color
RYB	186, 193, 188
Decimal	12566970
CIELab	77.73, -1.97, 3.27
CIELCh	78, 3.815, 121.070
Yxy	52.7615, 0.3164, 0.3378
Android (android.graphics.Color)	4290757050 (0xFFBFC1BA)
YUV	191.6040, -2.7628, -0.5297
Hunter-Lab	72.6371, -5.6724, 6.7410

Details

The XYZ color **49.4187, 52.7615, 54.0337** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.9257, 49.6609, 57.5145**, and the grayscale version is **49.8885, 52.4866, 57.1579**.

A 20% lighter version of the original color is **88.2605, 93.9363, 97.4841**, and **24.0930, 25.8529, 25.9106** is the 20% darker color. If you saturate the color by 10%, you get **46.1416, 51.2949, 43.8834**, and if you desaturate by 10%, it is **53.0284, 54.3706, 65.6485**.

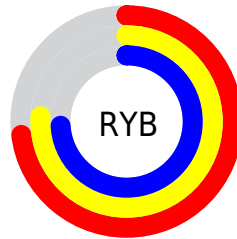
Distribution



Red (75%)

Green (76%)

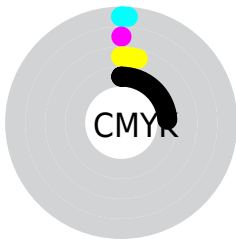
Blue (73%)



Red (73%)

Yellow (76%)

Blue (74%)

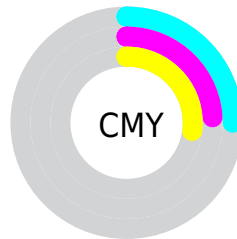


Cyan (1%)

Magenta (0%)

Yellow (4%)

Black (24%)



Cyan (25%)

Magenta (24%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.4187, 52.7615, 54.0337 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 49.4187, 52.7615, 54.0337 by changing the saturation by 10% instead.

■ 49.4187, 52.7615,
54.0337

■ 49.4187, 52.7615,
54.0337

374.8780,
397.3694, 419.4168

■ 35.1676, 37.6124,
38.2352

■ 88.5100, 94.2533,
97.5806

■ 23.9592, 25.6820,
25.8621

114.0809,
121.3649, 126.1662

■ 15.4279, 16.5859,
16.4956

144.1559,
153.2326, 159.8512

■ 9.2085, 9.9397,
9.7174

179.1001,
190.2411, 199.0542

■ 4.9356, 5.3590,
5.1089

219.2792,
232.7746, 244.1937

■ 2.2439, 2.4594,
2.2514

265.0582,

■ 0.7657, 0.8562,

281.2176, 295.6882

0.7038

316.8027,
335.9544, 353.9564

■ 0.0000, 0.0000,
0.0000

■ 49.4187, 52.7615,
54.0337

■ 49.4187, 52.7615,
54.0337

■ 46.1416, 51.2949,
43.8834

■ 53.0284, 54.3706,
65.6485

■ 43.1809, 49.9592,
35.1360

■ 56.9771, 56.1197,
78.7792

■ 40.5260, 48.7516,
27.7306

■ 61.2769, 58.0154,
93.4791

■ 38.1634, 47.6669,
21.6007

■ 64.5883, 59.5220,
102.6925

■ 36.0788, 46.6992,
16.6737

■ 66.2187, 60.3625,
102.7688

■ 34.2566, 45.8421,
12.8701

■ 67.9042, 61.2314,
102.8476

■ 32.6792, 45.0886,
10.1008

■ 69.6453, 62.1289,
102.9291

■ 31.3264, 44.4305,
8.2629

■ 71.4425, 63.0554,
103.0132

■ 30.1741, 43.8580,
7.2325

■ 73.2964, 64.0112,
103.1000

Harmonies

Analogous

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



50.1217, 52.7615, 53.4761



49.4187, 52.7615, 54.0337



48.9152, 52.7615, 55.5027

Triad

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



49.4187, 52.7615, 54.0337



49.4642, 52.7615, 61.0829



51.5819, 52.7615, 57.3724

Complementary

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



49.4187, 52.7615, 54.0337



47.9257, 49.6609, 57.5145

Split Complementary

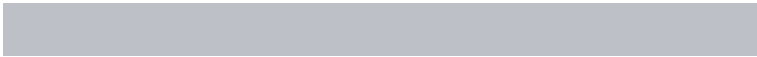
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



51.4018, 52.7615, 59.4388



49.4187, 52.7615, 54.0337



50.1747, 52.7615, 61.6125

Square

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



49.4187, 52.7615, 54.0337



48.9413, 52.7615, 59.5735



50.8849, 52.7615, 61.0038



51.3748, 52.7615, 55.3743

Rectangle

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



49.4187, 52.7615, 54.0337



48.7580, 52.7615, 56.8191



50.8849, 52.7615, 61.0038



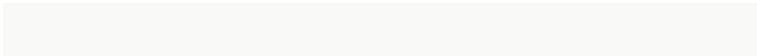
51.5646, 52.7615, 58.0821

Sweetspot

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



49.4202, 52.7638, 54.0348



90.1379, 95.2230, 101.9496



48.8368, 50.8437, 53.6950



19.3445, 20.4316, 21.8938



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.



49.4202, 52.7638, 54.0348



88.2402, 94.3760, 95.9290



48.5548, 52.3177, 53.9943



10.9725, 11.7651, 11.8304



19.7120, 28.9908, 4.5568



0.9168, 1.2862, 0.1999

Inverse Universe

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



47.9257, 49.6609, 57.5145



85.2523, 88.1723, 102.8860



48.7940, 50.1085, 57.5551



10.5439, 10.8753, 12.8282



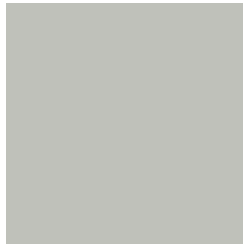
7.5275, 3.1410, 33.7661



0.3954, 0.1719, 1.4622

Previews

White Background



This preview shows how the XYZ color 49.4187, 52.7615, 54.0337 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 49.4187, 52.7615, 54.0337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

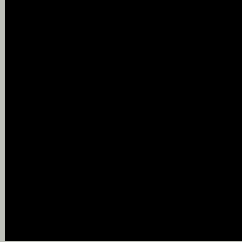
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

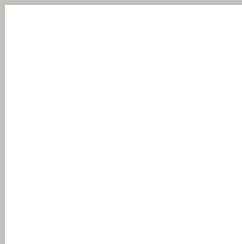
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.4187, 52.7615, 54.0337

Background



This preview shows how black text looks on a background with the XYZ color 49.4187, 52.7615, 54.0337.



This preview shows how white text looks on a background with the XYZ color 49.4187, 52.7615,

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

49.4187, 52.7615, 54.0337

Protanopia

50.4137, 52.6347, 53.4014

Deuteranopia

53.6799, 52.7027, 54.3571



Tritanopia

51.6810, 52.7040, 65.2066

Trichromacy



Original Color

49.4187, 52.7615, 54.0337

Protanomaly

50.1123, 52.8042, 53.4500

Deuteranomaly

52.0691, 52.8204, 54.4647

Tritanomaly

50.8162, 52.6763, 60.9153

Monochromacy



Original Color

49.4187, 52.7615, 54.0337

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

49.8821, 52.6234, 56.2435

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.4187, 52.7615, 54.0337 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(191, 193, 186)` looks like.

```
.text, #text, p{  
    color:rgb(191, 193, 186)  
}
```

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(191, 193, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 193, 186) }
```

Border

The CSS property to change the border of an element to XYZ 49.4187, 52.7615, 54.0337 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(191, 193, 186) }
```


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

```
.border{ border-color:rgb(191, 193, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 193, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 193, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 193, 186); box-shadow:4px 4px 4px 4px rgb(191, 193, 186) }
```

Background

The CSS property to change the background color of an element to XYZ 49.4187, 52.7615, 54.0337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 193, 186) }
```

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

```
.background{ background-color: rgb(191,  
193, 186) }
```

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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