

Converting Colors

XYZ(49.5689, 52.8694, 54.4312)

Have a look what the booklet for
XYZ(49.5689, 52.8694, 54.4312)
contains.

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Color

**XYZ(49.5255, 52.8042,
54.5957)**

Conversions

Conversions Part 1

Format	Color
Hex	BFC1BB
RGB	191, 193, 187
RGB Percent	75%, 76%, 73%
CMY	0.2510, 0.2431, 0.2667
CMYK	0.01, 0.00, 0.03, 0.24
HSL	80°, 5%, 75%
HSV	80°, 3%, 76%
XYZ	49.5255, 52.8042, 54.5957
YIQ	191.7180, 0.7340, -2.2900

Conversions

Conversions Part 2

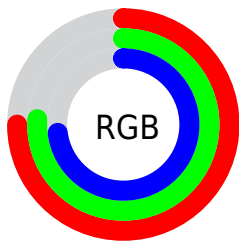
Format	Color
RYB	187, 193, 189
Decimal	12566971
CIELab	77.76, -1.79, 2.76
CIELCh	78, 3.292, 122.902
Yxy	52.8042, 0.3156, 0.3365
Android (android.graphics.Color)	4290757051 (0xFFBFC1BB)
YUV	191.7180, -2.3260, -0.6297
Hunter-Lab	72.6665, -5.5106, 6.3209

Details

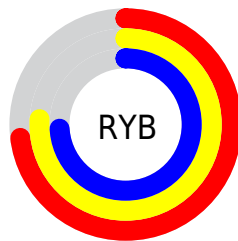
The XYZ color **49.5255, 52.8042, 54.5957** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.3843, 50.2112, 57.5965**, and the grayscale version is **49.9526, 52.5540, 57.2314**.

A 20% lighter version of the original color is **88.4111, 93.9966, 98.2774**, and **24.1624, 25.8807, 26.2762** is the 20% darker color. If you saturate the color by 10%, you get **46.0126, 51.2177, 44.3608**, and if you desaturate by 10%, it is **53.3903, 54.5431, 66.2989**.

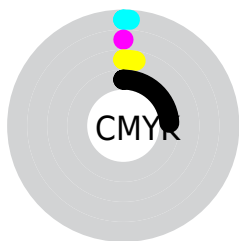
Distribution



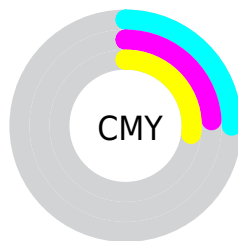
- Red (75%)
- Green (76%)
- Blue (73%)



- Red (73%)
- Yellow (76%)
- Blue (74%)



- Cyan (1%)
- Magenta (0%)
- Yellow (3%)
- Black (24%)



- Cyan (25%)
- Magenta (24%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.5255, 52.8042, 54.5957 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 49.5255, 52.8042, 54.5957 by changing the saturation by 10% instead.

■ 49.5255, 52.8042,
54.5957

■ 49.5255, 52.8042,
54.5957

375.2902,
397.5335, 421.6162

■ 35.2528, 37.6465,
38.6817

■ 88.6675, 94.3162,
98.4135

■ 24.0251, 25.7084,
26.2063

114.2674,
121.4393, 127.1545

■ 15.4771, 16.6056,
16.7509

144.3738,
153.3196, 161.0081

■ 9.2434, 9.9537,
9.8970

179.3521,
190.3415, 200.3930

■ 4.9586, 5.3683,
5.2260

219.5675,
232.8895, 245.7278

■ 2.2575, 2.4649,
2.3194

265.3854,

■ 0.7728, 0.8590,

281.3478, 297.4309

0.7421

317.1712,
336.1010, 355.9208

■ 0.0000, 0.0000,
0.0000

■ 49.5255, 52.8042,
54.5957

■ 49.5255, 52.8042,
54.5957

■ 46.0126, 51.2177,
44.3608

■ 53.3903, 54.5431,
66.2989

■ 42.8354, 49.7719,
35.5327

■ 57.6140, 56.4322,
79.5217

■ 39.9826, 48.4639,
28.0509

■ 62.2087, 58.4781,
94.3171

■ 37.4408, 47.2881,
21.8489

■ 65.6669, 60.0780,
102.7429

■ 35.1952, 46.2387,
16.8546

■ 67.6165, 61.0831,
102.8342

■ 33.2298, 45.3091,
12.9888

■ 69.6417, 62.1270,
102.9289

■ 31.5270, 44.4920,
10.1630

■ 71.7432, 63.2104,
103.0273

■ 30.0661, 43.7792,
8.2750

■ 73.9218, 64.3335,
103.1293

■ 28.8231, 43.1608,
7.2026

■ 76.1784, 65.4968,
103.2349

Harmonies

Analogous

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



50.1267, 52.8042, 54.0575



49.5255, 52.8042, 54.5957



49.1048, 52.8042, 55.9095

Triad

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



49.5255, 52.8042, 54.5957



49.6322, 52.8042, 60.6789



51.4237, 52.8042, 57.3171

Complementary

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



49.5255, 52.8042, 54.5957



48.3843, 50.2112, 57.5965

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.



51.2886, 52.8042, 59.1098



49.5255, 52.8042, 54.5957



50.2509, 52.8042, 61.0748

Square

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



49.5255, 52.8042, 54.5957



49.1660, 52.8042, 59.4241



50.8580, 52.8042, 60.4947



51.2257, 52.8042, 55.6077

Rectangle

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



49.5255, 52.8042, 54.5957



48.9815, 52.8042, 57.0618



50.8580, 52.8042, 60.4947



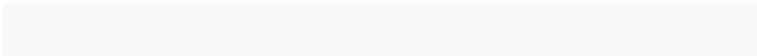
51.4158, 52.8042, 57.9299

Sweetspot

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



49.5270, 52.8065, 54.5968



90.0955, 95.2011, 101.9476



49.1615, 51.3223, 54.3296



19.3359, 20.4271, 21.8934



92.9021, 97.7402, 106.4391



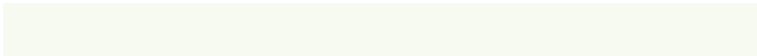
19.4759, 20.4902, 22.3138

Same Dimension

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



49.5270, 52.8065, 54.5968



88.0726, 94.2896, 95.9211



48.7803, 52.4216, 54.5619



10.9484, 11.7527, 11.8293



18.7514, 28.4955, 4.5119



0.8808, 1.2676, 0.1983

Inverse Universe

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



48.3843, 50.2112, 57.5965



85.4165, 88.2569, 102.8936



49.1361, 50.5988, 57.6316



10.5674, 10.8874, 12.8293



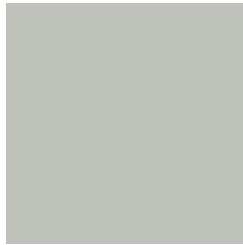
7.9029, 3.3345, 33.7837



0.4155, 0.1822, 1.4632

Previews

White Background



This preview shows how the XYZ color 49.5255, 52.8042, 54.5957 looks on a white background.

Color Contrast Check

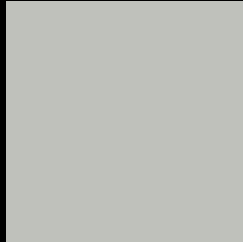
Large Text (above 18pt) WCAG AA × Fail

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 49.5255, 52.8042, 54.5957 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

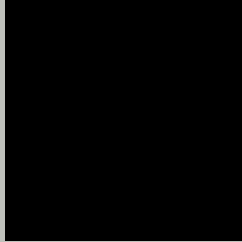
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

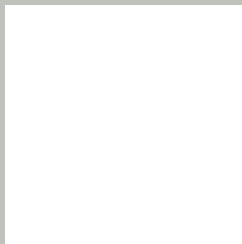
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.5255, 52.8042, 54.5957

Background



This preview shows how black text looks on a background with the XYZ color 49.5255, 52.8042, 54.5957.



This preview shows how white text looks on a background with the XYZ color 49.5255, 52.8042,

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

49.5255, 52.8042, 54.5957

Protanopia

50.5197, 52.6771, 53.9594

Deuteranopia

53.7874, 52.7457, 54.9230



Tritanopia

51.6810, 52.7040, 65.2066

Trichromacy



Original Color

49.5255, 52.8042, 54.5957

Protanomaly

50.2182, 52.8465, 54.0080

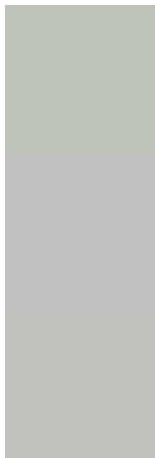
Deuteranomaly

52.1765, 52.8634, 55.0306

Tritanomaly

50.8162, 52.6763, 60.9153

Monochromacy



Original Color

49.5255, 52.8042, 54.5957

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 49.5255, 52.8042, 54.5957 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, 187)` looks like.

```
.text, #text, p{  
    color:rgb(191, 193, 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(191, 193, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 193, 187) }
```

Border

The CSS property to change the border of an element to XYZ 49.5255, 52.8042, 54.5957 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, 187) }
```


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

```
.border{ border-color:rgb(191, 193, 187) }
```

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, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 193, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 193, 187);  
box-shadow:4px 4px 4px 4px rgb(191, 193,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 49.5255, 52.8042, 54.5957 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, 187) }
```

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

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