

Converting Colors

XYZ(57.3423, 53.1746, 54.0169)

Have a look what the booklet for
XYZ(57.3423, 53.1746, 54.0169)
contains.

| | |
|--|----|
| XYZ(57.1721, 52.9665, 54.2240) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(57.1721, 52.9665,
54.2240)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E3B5BB |
| RGB | 227, 181, 187 |
| RGB Percent | 89%, 71%, 73% |
| CMY | 0.1098, 0.2902, 0.2667 |
| CMYK | 0.00, 0.20, 0.18, 0.11 |
| HSL | 352°, 45%, 80% |
| HSV | 352°, 20%, 89% |
| XYZ | 57.1721, 52.9665, 54.2240 |
| YIQ | 195.4380, 25.4900, 11.6180 |

Conversions

Conversions Part 2

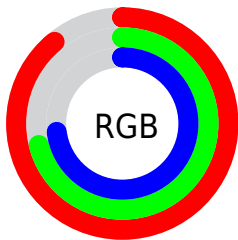
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 227, 181, 187 |
| Decimal | 14923195 |
| CIE Lab | 77.86, 17.52, 3.29 |
| CIE LCh | 78, 17.829, 10.637 |
| Yxy | 52.9665, 0.3478, 0.3223 |
| Android (android.graphics.Color) | 4293113275 (0xFFE3B5BB) |
| YUV | 195.4380, -4.1599, 27.6799 |
| Hunter-Lab | 72.7781, 12.8621, 6.7701 |

Details

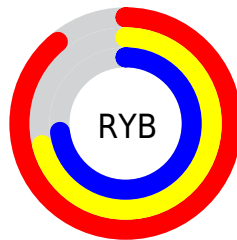
The XYZ color **57.1721, 52.9665, 54.2240** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **59.5784, 69.9837, 78.7781**, and the grayscale version is **52.1477, 54.8634, 59.7462**.

A 20% lighter version of the original color is **87.7018, 88.2994, 97.2151**, and **28.8168, 25.8175, 26.0187** is the 20% darker color. If you saturate the color by 10%, you get **50.9570, 43.6887, 42.4326**, and if you desaturate by 10%, it is **64.4327, 63.8693, 67.7985**.

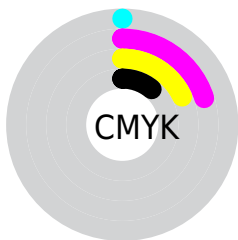
Distribution



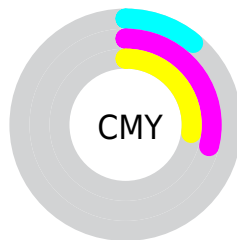
- Red (89%)
- Green (71%)
- Blue (73%)



- Red (89%)
- Yellow (71%)
- Blue (73%)



- Cyan (0%)
- Magenta (20%)
- Yellow (18%)
- Black (11%)





- Cyan (11%)
- Magenta (29%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.1721, 52.9665, 54.2240 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 57.1721, 52.9665, 54.2240 by changing the saturation by 10% instead.


 57.1721, 52.9665,
54.2240

 57.1721, 52.9665,
54.2240


404.0976,
398.1566, 420.1624

 41.3841, 37.7760,
38.3864


 99.8462, 94.5551,
97.8628

 28.8083, 25.8089,
25.9786


127.4630,
121.7220, 126.5010

 19.0794, 16.6807,
16.5820


159.7534,
153.6498, 160.2432

 11.8320, 10.0071,
9.7781

197.0828,
190.7229, 199.5079

 6.7008, 5.4037,
5.1484

239.8166,
233.3258, 244.7136

 3.3203, 2.4860,
2.2743

288.3201,

 1.3253, 0.8696,

281.8427, 296.2789

0.7168

342.9587,
336.6582, 354.6223

■ 0.2021, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.1721, 52.9665,
54.2240

■ 57.1721, 52.9665,
54.2240

■ 50.9570, 43.6887,
42.4326

■ 64.4327, 63.8693,
67.7985

■ 45.7348, 35.9513,
32.3468

■ 72.7795, 76.4622,
83.2224

■ 41.4551, 29.6728,
23.8882

■ 82.2562, 90.8153,
100.5630

■ 38.0611, 24.7615,
16.9713

■ 85.4888, 95.0710,
108.4525

■ 35.4899, 21.1152,
11.5022

■ 33.6702, 18.6171,
7.3770

■ 32.5182, 17.1290,
4.4776

■ 31.9080, 16.4227,
2.6893

Harmonies

Analogous

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



56.8873, 52.9665, 64.2253



57.1721, 52.9665, 54.2240



55.5648, 52.9665, 46.1265

Triad

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



57.1721, 52.9665, 54.2240



46.1315, 52.9665, 44.3818



48.1683, 52.9665, 77.5896

Complementary

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



57.1721, 52.9665, 54.2240



59.5784, 69.9837, 78.7781

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.



45.4592, 52.9665, 70.9981



57.1721, 52.9665, 54.2240



44.3211, 52.9665, 51.5794

Square

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



57.1721, 52.9665, 54.2240



49.1244, 52.9665, 40.8923



44.0807, 52.9665, 61.2621



51.5817, 52.9665, 78.5080

Rectangle

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



57.1721, 52.9665, 54.2240



53.6778, 52.9665, 42.6024



44.0807, 52.9665, 61.2621



47.1494, 52.9665, 75.9311

Sweetspot

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



57.1736, 52.9689, 54.2251



88.2930, 89.7961, 96.4429



60.1689, 53.9475, 79.9153



18.7477, 18.9930, 20.3641



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.



57.1736, 52.9689, 54.2251



71.1217, 64.0084, 64.3457



60.1843, 59.9964, 52.1274



14.4531, 14.3984, 15.3203



18.6324, 9.5872, 1.6933



1.4017, 0.7184, 0.2557

Inverse Universe

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



57.1736, 52.9689, 54.2251



71.1217, 64.0084, 64.3457



56.0027, 61.5308, 81.5986



14.4531, 14.3984, 15.3203



18.6324, 9.5872, 1.6933



1.4017, 0.7184, 0.2557

Previews

White Background



This preview shows how the XYZ color 57.1721, 52.9665, 54.2240 looks on a white background.

Color Contrast Check

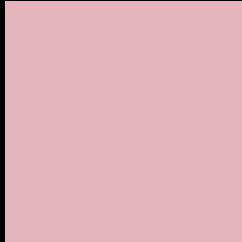
Large Text (above 18pt) WCAG AA × Fail

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 57.1721, 52.9665, 54.2240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

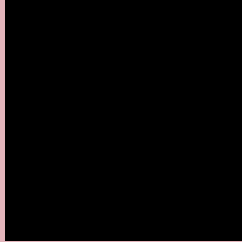
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.1721, 52.9665, 54.2240

Background



This preview shows how black text looks on a background with the XYZ color 57.1721, 52.9665, 54.2240.



This preview shows how white text looks on a background with the XYZ color 57.1721, 52.9665,

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

57.1721, 52.9665, 54.2240

Protanopia

51.2402, 53.2853, 58.0365

Deuteranopia

54.1534, 52.9591, 53.8223



Tritanopia

58.0538, 53.0315, 58.2153

Trichromacy



Original Color

57.1721, 52.9665, 54.2240

Protanomaly

53.1193, 52.9934, 56.7193

Deuteranomaly

55.2168, 52.8862, 53.7522

Tritanomaly

57.7201, 52.8981, 56.4584

Monochromacy



Original Color

57.1721, 52.9665, 54.2240

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

53.6600, 53.8981, 57.4444

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.1721, 52.9665, 54.2240 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(227, 181, 187)` looks like.

```
.text, #text, p{  
    color:rgb(227, 181, 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(227, 181, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 181, 187) }
```

Border

The CSS property to change the border of an element to XYZ 57.1721, 52.9665, 54.2240 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(227, 181, 187) }
```


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

```
.border{ border-color:rgb(227, 181, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 181, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 181, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 181, 187);  
box-shadow:4px 4px 4px 4px rgb(227, 181,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 57.1721, 52.9665, 54.2240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 181, 187) }
```

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

```
.background{ background-color: rgb(227,  
181, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor