

Converting Colors

XYZ(57.9451, 54.7230, 61.2473)

Have a look what the booklet for
XYZ(57.9451, 54.7230, 61.2473)
contains.

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Color

**XYZ(57.9919, 54.7709,
61.5482)**

Conversions

Conversions Part 1

Format	Color
Hex	DEBAC7
RGB	222, 186, 199
RGB Percent	87%, 73%, 78%
CMY	0.1294, 0.2706, 0.2196
CMYK	0.00, 0.16, 0.10, 0.13
HSL	338°, 35%, 80%
HSV	338°, 16%, 87%
XYZ	57.9919, 54.7709, 61.5482
YIQ	198.2460, 17.2830, 11.6750

Conversions

Conversions Part 2

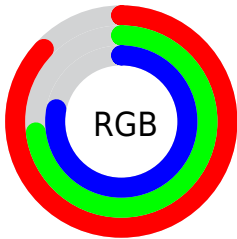
Format	Color
R _Y B	222, 186, 199
Decimal	14596807
CIE Lab	78.91, 14.99, -1.73
CIE LCh	79, 15.087, 353.414
Yxy	54.7709, 0.3327, 0.3142
Android (android.graphics.Color)	4292786887 (0xFFDEBAC7)
YUV	198.2460, 0.3717, 20.8323
Hunter-Lab	74.0074, 10.3591, 2.4966

Details

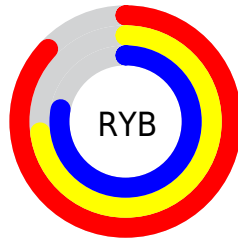
The XYZ color **57.9919, 54.7709, 61.5482** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **57.8817, 67.2865, 70.2617**, and the grayscale version is **53.8178, 56.6205, 61.6598**.

A 20% lighter version of the original color is **91.0421, 91.9843, 107.5640**, and **29.4347, 27.0349, 30.4549** is the 20% darker color. If you saturate the color by 10%, you get **52.1027, 45.5060, 51.8349**, and if you desaturate by 10%, it is **64.7644, 65.5552, 72.3147**.

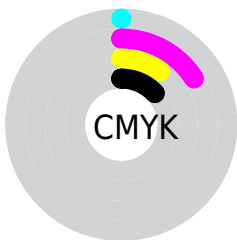
Distribution



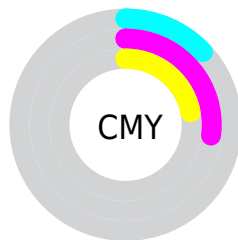
- Red (87%)
- Green (73%)
- Blue (78%)



- Red (87%)
- Yellow (73%)
- Blue (78%)



- Cyan (0%)
- Magenta (16%)
- Yellow (10%)
- Black (13%)





- Cyan (13%)
- Magenta (27%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.9919, 54.7709, 61.5482 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 57.9919, 54.7709, 61.5482 by changing the saturation by 10% instead.


 57.9919, 54.7709,
61.5482

 57.9919, 54.7709,
61.5482

407.1101,
405.0429, 448.2432

 42.0454, 39.2183,
44.2343


 101.0341, 97.2052,
108.6375

 29.3281, 26.9296,
30.5162


128.8605,
124.8557, 139.2501

 19.4747, 17.5204,
19.9754


161.3775,
157.3077, 175.1325

 12.1198, 10.6062,
12.1932

198.9506,
194.9455, 216.7035

 6.8981, 5.8027,
6.7513

241.9450,
238.1535, 264.3815

 3.4442, 2.7255,
3.2310

290.7262,

 1.3928, 0.9902,

287.3162, 318.5851

1.2137

345.6594,
342.8178, 379.7329

■ 0.2511, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.9919, 54.7709,
61.5482

■ 57.9919, 54.7709,
61.5482

■ 52.1027, 45.5060,
51.8349

■ 64.7644, 65.5552,
72.3147

■ 47.0544, 37.6847,
43.1381

■ 72.4507, 77.9158,
84.1625

■ 42.8083, 31.2355,
35.4240

■ 81.0857, 91.9156,
97.1229

■ 39.3203, 26.0779,
28.6555

■ 83.9345, 94.2697,
108.3798

■ 36.5423, 22.1231,
22.7929

■ 34.4198, 19.2706,
17.7929

■ 32.8903, 17.4036,
13.6082

■ 31.8763, 16.3764,
10.1845

■ 31.5781, 16.1112,
9.0644

Harmonies

Analogous

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



56.8212, 54.7709, 70.0180



57.9919, 54.7709, 61.5482



57.5244, 54.7709, 53.3187

Triad

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



57.9919, 54.7709, 61.5482



49.8028, 54.7709, 45.7439



48.7001, 54.7709, 73.8859

Complementary

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



57.9919, 54.7709, 61.5482



57.8817, 67.2865, 70.2617

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.



46.9496, 54.7709, 66.4340



57.9919, 54.7709, 61.5482



47.5689, 54.7709, 50.3350

Square

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



57.9919, 54.7709, 61.5482



52.7215, 54.7709, 44.7049



46.5435, 54.7709, 57.7642



51.4003, 54.7709, 77.5692

Rectangle

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



57.9919, 54.7709, 61.5482



56.3550, 54.7709, 49.0028



46.5435, 54.7709, 57.7642



47.9853, 54.7709, 71.7062

Sweetspot

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



57.9935, 54.7733, 61.5494



89.8325, 91.6195, 100.8267



56.9836, 53.9205, 76.5123



19.0764, 19.3678, 21.3447



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.



57.9935, 54.7733, 61.5494



76.9043, 71.0520, 80.2125



57.5762, 56.2516, 54.2803



13.9107, 13.7819, 15.2999



18.8052, 9.5891, 5.6398



1.3453, 0.6814, 0.6114

Inverse Universe

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



57.9935, 54.7733, 61.5494



76.9043, 71.0520, 80.2125



58.3007, 65.4434, 78.6670



13.9107, 13.7819, 15.2999



18.8052, 9.5891, 5.6398



1.3453, 0.6814, 0.6114

Previews

White Background



This preview shows how the XYZ color 57.9919, 54.7709, 61.5482 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 57.9919, 54.7709, 61.5482 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 57.9919, 54.7709, 61.5482

Background



This preview shows how black text looks on a background with the XYZ color 57.9919, 54.7709, 61.5482.



This preview shows how white text looks on a background with the XYZ color 57.9919, 54.7709,

61.5482.

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

57.9919, 54.7709, 61.5482

Protanopia

53.2168, 54.8135, 64.9020

Deuteranopia

55.8312, 54.6185, 61.0259



Tritanopia

58.1084, 54.8175, 62.1618

Trichromacy



Original Color

57.9919, 54.7709, 61.5482

Protanomaly

54.7451, 54.6477, 63.5398

Deuteranomaly

56.4952, 54.6426, 60.9955

Tritanomaly

58.1084, 54.8175, 62.1618

Monochromacy



Original Color

57.9919, 54.7709, 61.5482

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

55.2170, 55.9262, 61.3107

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9919, 54.7709, 61.5482 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(222, 186, 199)` looks like.

```
.text, #text, p{  
    color:rgb(222, 186, 199)  
}
```

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(222, 186, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 186, 199) }
```

Border

The CSS property to change the border of an element to XYZ 57.9919, 54.7709, 61.5482 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(222, 186, 199) }
```


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

```
.border{ border-color:rgb(222, 186, 199) }
```

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

Here you see how a box with a 4 pixel rgb(222, 186, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 186, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 186, 199);  
box-shadow:4px 4px 4px 4px rgb(222, 186,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9919, 54.7709, 61.5482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 186, 199) }
```

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

```
.background{ background-color: rgb(222,  
186, 199) }
```

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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