

Converting Colors

XYZ(57.7699, 53.5614, 58.1475)

Have a look what the booklet for
XYZ(57.7699, 53.5614, 58.1475)
contains.

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Color

**XYZ(57.8296, 53.5197,
58.3213)**

Conversions

Conversions Part 1

Format	Color
Hex	E2B6C2
RGB	226, 182, 194
RGB Percent	89%, 71%, 76%
CMY	0.1137, 0.2863, 0.2392
CMYK	0.00, 0.19, 0.14, 0.11
HSL	344°, 43%, 80%
HSV	344°, 19%, 89%
XYZ	57.8296, 53.5197, 58.3213
YIQ	196.5240, 22.3720, 13.0600

Conversions

Conversions Part 2

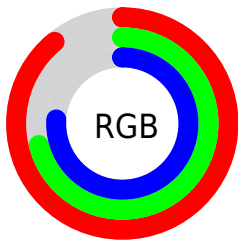
Format	Color
R _Y B	226, 182, 194
Decimal	14857922
CIE Lab	78.18, 17.73, -0.04
CIE LCh	78, 17.731, 359.858
Yxy	53.5197, 0.3408, 0.3154
Android (android.graphics.Color)	4293048002 (0xFFE2B6C2)
YUV	196.5240, -1.2443, 25.8505
Hunter-Lab	73.1572, 13.0765, 3.9437

Details

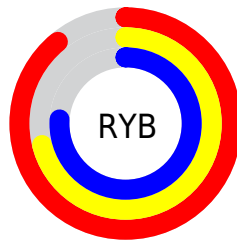
The XYZ color **57.8296, 53.5197, 58.3213** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **58.6275, 69.1942, 73.8876**, and the grayscale version is **52.7832, 55.5320, 60.4743**.

A 20% lighter version of the original color is **89.0699, 89.3112, 102.9868**, and **29.1614, 26.1400, 28.3195** is the 20% darker color. If you saturate the color by 10%, you get **51.8244, 44.3016, 47.7096**, and if you desaturate by 10%, it is **64.7890, 64.3181, 70.2599**.

Distribution



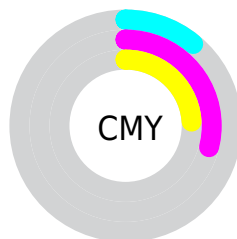
- Red (89%)
- Green (71%)
- Blue (76%)



- Red (89%)
- Yellow (71%)
- Blue (76%)



- Cyan (0%)
- Magenta (19%)
- Yellow (14%)
- Black (11%)



- Cyan (11%)
- Magenta (29%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.8296, 53.5197, 58.3213 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 57.8296, 53.5197, 58.3213 by changing the saturation by 10% instead.

■ 57.8296, 53.5197,
58.3213

■ 57.8296, 53.5197,
58.3213

406.5148,
400.2758, 436.0137

■ 41.9144, 38.2178,
41.6506

■ 100.7991, 95.3687,
103.9100

■ 29.2251, 26.1518,
28.5043

128.5840,
122.6845, 133.6651

■ 19.3963, 16.9372,
18.4638

161.0563,
154.7738, 168.6187

■ 12.0627, 10.1897,
11.1106

198.5813,
192.0210, 209.1894

■ 6.8589, 5.5249,
6.0262

241.5242,
234.8103, 255.7957

■ 3.4195, 2.5584,
2.7920

290.2506,

■ 1.3793, 0.9058,

283.5264, 308.8562

0.9894

345.1256,
338.5534, 368.7893

■ 0.2414, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.8296, 53.5197,
58.3213

■ 57.8296, 53.5197,
58.3213

■ 51.8244, 44.3016,
47.7096

■ 64.7890, 64.3181,
70.2599

■ 46.7264, 36.5825,
38.3746

■ 72.7378, 76.7589,
83.5664

■ 42.4915, 30.2846,
30.2678

■ 81.7149, 90.9095,
98.2842

■ 39.0701, 25.3200,
23.3363

■ 85.1743, 94.9089,
108.4378

■ 36.4069, 21.5914,
17.5229

■ 34.4398, 18.9877,
12.7655

■ 33.0959, 17.3777,
8.9947

■ 32.2606, 16.5483,
6.1232

■ 32.2234, 16.5126,
5.9920

Harmonies

Analogous

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



56.8534, 53.5197, 68.3947



57.8296, 53.5197, 58.3213



56.8713, 53.5197, 49.2776

Triad

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



57.8296, 53.5197, 58.3213



47.6222, 53.5197, 43.2368



47.5947, 53.5197, 76.3897

Complementary

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



57.8296, 53.5197, 58.3213



58.6275, 69.1942, 73.8876

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.



45.3044, 53.5197, 68.3033



57.8296, 53.5197, 58.3213



45.3197, 53.5197, 49.2042

Square

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



57.8296, 53.5197, 58.3213



50.8854, 53.5197, 41.1932



44.4904, 53.5197, 58.2264



50.8523, 53.5197, 79.5232

Rectangle

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



57.8296, 53.5197, 58.3213



55.2881, 53.5197, 44.8654



44.4904, 53.5197, 58.2264



46.6916, 53.5197, 74.1184

Sweetspot

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



57.8311, 53.5221, 58.3224



88.6215, 89.9275, 98.1727



58.0528, 53.1755, 79.1563



18.8251, 19.0239, 20.7717



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.



57.8311, 53.5221, 58.3224



72.9858, 65.6687, 71.3420



58.5567, 57.0431, 52.1831



13.8600, 13.7616, 15.0329



18.4262, 9.4375, 3.6440



1.3143, 0.6690, 0.4478

Inverse Universe

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



57.8311, 53.5221, 58.3224



72.9858, 65.6687, 71.3420



57.6964, 64.7889, 81.4167



13.8600, 13.7616, 15.0329



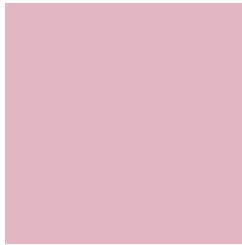
18.4262, 9.4375, 3.6440



1.3143, 0.6690, 0.4478

Previews

White Background



This preview shows how the XYZ color 57.8296, 53.5197, 58.3213 looks on a white background.

Color Contrast Check

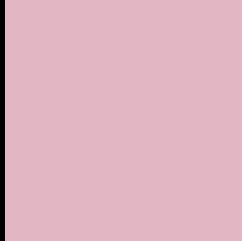
Large Text (above 18pt) WCAG AA × Fail

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 57.8296, 53.5197, 58.3213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

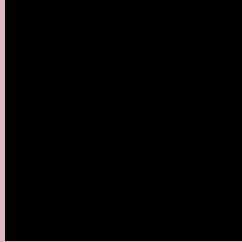
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.8296, 53.5197, 58.3213

Background



This preview shows how black text looks on a background with the XYZ color 57.8296, 53.5197, 58.3213.



This preview shows how white text looks on a background with the XYZ color 57.8296, 53.5197,

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

57.8296, 53.5197, 58.3213

Protanopia

52.0010, 53.9122, 62.3089

Deuteranopia

54.5473, 53.3880, 57.8820



Tritanopia

58.0558, 53.6102, 59.5125

Trichromacy



Original Color

57.8296, 53.5197, 58.3213

Protanomaly

53.8442, 53.5942, 60.9329

Deuteranomaly

55.5899, 53.2999, 57.8101

Tritanomaly

57.9423, 53.5648, 58.9149

Monochromacy



Original Color

57.8296, 53.5197, 58.3213

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

54.8259, 55.0947, 59.9693

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.8296, 53.5197, 58.3213 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(226, 182, 194) looks like.

```
.text, #text, p{  
    color:rgb(226, 182, 194)  
}
```

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(226, 182, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 182, 194) }
```

Border

The CSS property to change the border of an element to XYZ 57.8296, 53.5197, 58.3213 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(226, 182, 194) }
```


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

```
.border{ border-color:rgb(226, 182, 194) }
```

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

Here you see how a box with a 4 pixel rgb(226, 182, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 182, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 182, 194);  
box-shadow:4px 4px 4px 4px rgb(226, 182,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 57.8296, 53.5197, 58.3213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 182, 194) }
```

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

```
.background{ background-color: rgb(226,  
182, 194) }
```

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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