

Converting Colors

XYZ(55.5949, 51.4910, 51.9841)

Have a look what the booklet for
XYZ(55.5949, 51.4910, 51.9841)
contains.

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Color

**XYZ(55.7187, 51.6666,
51.8357)**

Conversions

Conversions Part 1

Format	Color
Hex	E1B3B7
RGB	225, 179, 183
RGB Percent	88%, 70%, 72%
CMY	0.1176, 0.2980, 0.2823
CMYK	0.00, 0.20, 0.19, 0.12
HSL	355°, 43%, 79%
HSV	355°, 20%, 88%
XYZ	55.7187, 51.6666, 51.8357
YIQ	193.2100, 26.1320, 10.9960

Conversions

Conversions Part 2

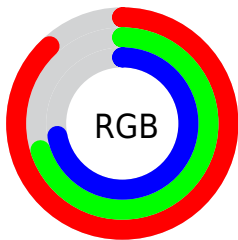
Format	Color
R_{YB}	225, 179, 183
Decimal	14791607
CIE _{Lab}	77.08, 17.25, 4.32
CIE _{LCh}	77, 17.784, 14.054
Yxy	51.6666, 0.3499, 0.3245
Android (android.graphics.Color)	4292981687 (0xFFE1B3B7)
YUV	193.2100, -5.0335, 27.8798
Hunter-Lab	71.8795, 12.5785, 7.5588

Details

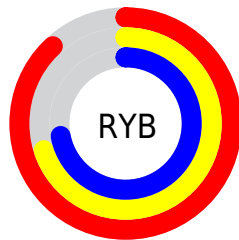
The XYZ color **55.7187, 51.6666, 51.8357** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **58.5689, 68.6559, 78.5750**, and the grayscale version is **50.8311, 53.4783, 58.2379**.

A 20% lighter version of the original color is **86.5283, 86.9087, 93.8759**, and **27.8523, 24.9684, 24.4705** is the 20% darker color. If you saturate the color by 10%, you get **49.5872, 42.5794, 40.0004**, and if you desaturate by 10%, it is **62.9010, 62.3549, 65.5625**.

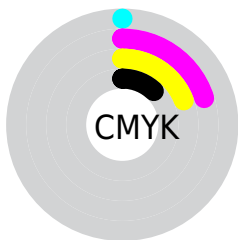
Distribution



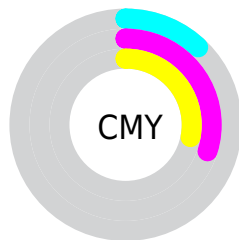
- Red (88%)
- Green (70%)
- Blue (72%)



- Red (88%)
- Yellow (70%)
- Blue (72%)



- Cyan (0%)
- Magenta (20%)
- Yellow (19%)
- Black (12%)



- Cyan (12%)
- Magenta (30%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.7187, 51.6666, 51.8357 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 55.7187, 51.6666, 51.8357 by changing the saturation by 10% instead.

■ 55.7187, 51.6666,
51.8357

■ 55.7187, 51.6666,
51.8357

398.7228,
393.1481, 410.7409

■ 40.2135, 36.7394,
36.4928

■ 97.7354, 92.6394,
94.3130

■ 27.8900, 25.0058,
24.5223

124.9776,
119.4537, 122.2845

■ 18.3828, 16.0814,
15.5058

156.8629,
150.9992, 155.3025

■ 11.3265, 9.5817,
9.0246

193.7566,
187.6603, 193.7858

■ 6.3558, 5.1225,
4.6602

236.0241,
229.8213, 238.1527

■ 3.1053, 2.3193,
1.9941

284.0307,

■ 1.2097, 0.7839,

277.8667, 288.8218

0.5516

338.1418,
332.1809, 346.2117

■ 0.1140, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.7187, 51.6666,
51.8357

■ 55.7187, 51.6666,
51.8357

■ 49.5872, 42.5794,
40.0004

■ 62.9010, 62.3549,
65.5625

■ 44.4532, 35.0096,
29.9706

■ 71.1757, 74.7087,
81.2553

■ 40.2649, 28.8765,
21.6584

■ 80.5874, 88.7976,
98.9884

■ 36.9645, 24.0893,
14.9672

■ 84.8616, 94.7477,
108.4232

■ 34.4876, 20.5466,
9.7909

■ 32.7609, 18.1328,
6.0108

■ 31.6984, 16.7105,
3.4902

■ 31.1739, 16.0566,
2.0971

Harmonies

Analogous

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



55.6580, 51.6666, 61.5523



55.7187, 51.6666, 51.8357



53.9519, 51.6666, 44.2281

Triad

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



55.7187, 51.6666, 51.8357



44.7053, 51.6666, 43.8571



47.3352, 51.6666, 76.2230

Complementary

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



55.7187, 51.6666, 51.8357



58.5689, 68.6559, 78.5750

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.



44.5622, 51.6666, 70.2883



55.7187, 51.6666, 51.8357



43.0923, 51.6666, 51.2728

Square

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



55.7187, 51.6666, 51.8357



47.5388, 51.6666, 39.9940



43.0412, 51.6666, 60.9210



50.7105, 51.6666, 76.4189

Rectangle

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



55.7187, 51.6666, 51.8357



52.0205, 51.6666, 41.0590



43.0412, 51.6666, 60.9210



46.3054, 51.6666, 74.8048

Sweetspot

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



55.7201, 51.6690, 51.8368



88.1934, 89.7563, 95.9184



59.3487, 52.9569, 78.3284



18.7243, 18.9836, 20.2406



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.



55.7201, 51.6690, 51.8368



69.9792, 62.6523, 61.1011



59.2468, 59.3786, 50.9892



13.7553, 13.7198, 14.4818



17.9815, 9.2596, 1.3023



1.2633, 0.6486, 0.1795

Inverse Universe

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



55.7201, 51.6690, 51.8368



69.9792, 62.6523, 61.1011



54.3990, 59.4539, 79.8434



13.7553, 13.7198, 14.4818



17.9815, 9.2596, 1.3023



1.2633, 0.6486, 0.1795

Previews

White Background



This preview shows how the XYZ color 55.7187, 51.6666, 51.8357 looks on a white background.

Color Contrast Check

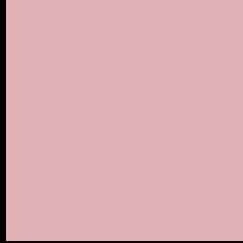
Large Text (above 18pt) WCAG AA × Fail

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 55.7187, 51.6666, 51.8357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

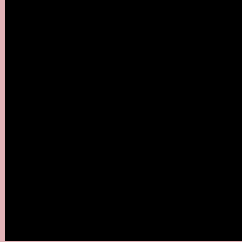
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.7187, 51.6666, 51.8357

Background



This preview shows how black text looks on a background with the XYZ color 55.7187, 51.6666, 51.8357.



This preview shows how white text looks on a background with the XYZ color 55.7187, 51.6666,

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

55.7187, 51.6666, 51.8357

Protanopia

49.8469, 51.9704, 55.5482

Deuteranopia

52.7354, 51.6554, 51.4470



Tritanopia

56.6884, 51.7711, 56.2952

Trichromacy



Original Color

55.7187, 51.6666, 51.8357

Protanomaly

51.7054, 51.6848, 54.2647

Deuteranomaly

53.7867, 51.5850, 51.3780

Tritanomaly

56.3615, 51.6404, 54.5740

Monochromacy



Original Color

55.7187, 51.6666, 51.8357

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

52.3454, 52.6197, 55.5418

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7187, 51.6666, 51.8357 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(225, 179, 183)` looks like.

```
.text, #text, p{  
    color:rgb(225, 179, 183)  
}
```

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(225, 179, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 179, 183) }
```

Border

The CSS property to change the border of an element to XYZ 55.7187, 51.6666, 51.8357 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(225, 179, 183) }
```


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

```
.border{ border-color:rgb(225, 179, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 179, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 179, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 179, 183);  
box-shadow:4px 4px 4px 4px rgb(225, 179,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 55.7187, 51.6666, 51.8357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 179, 183) }
```

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

```
.background{ background-color: rgb(225,  
179, 183) }
```

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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