

Converting Colors

XYZ(64.5609, 59.5557, 56.2368)

Have a look what the booklet for
XYZ(64.5609, 59.5557, 56.2368)
contains.

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Color

**XYZ(64.5609, 59.5557,
56.2368)**

Conversions

Conversions Part 1

Format	Color
Hex	F3BEBD
RGB	243, 190, 189
RGB Percent	95%, 75%, 74%
CMY	0.0471, 0.2549, 0.2588
CMYK	0.00, 0.22, 0.22, 0.05
HSL	1°, 69%, 85%
HSV	1°, 22%, 95%
XYZ	64.5609, 59.5557, 56.2368
YIQ	205.7330, 31.9090, 10.9250

Conversions

Conversions Part 2

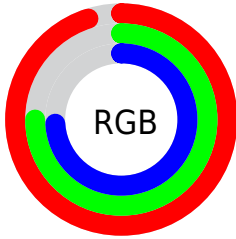
Format	Color
R _Y B	243, 190, 189
Decimal	15974077
CIE Lab	81.60, 18.85, 7.80
CIE LCh	82, 20.400, 22.488
Yxy	59.5557, 0.3580, 0.3302
Android (android.graphics.Color)	4294164157 (0xFFFF3BEBD)
YUV	205.7330, -8.2494, 32.6832
Hunter-Lab	77.1723, 14.2781, 10.8150

Details

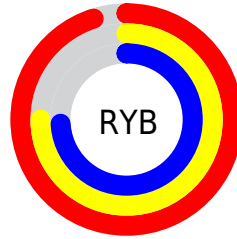
The XYZ color **64.5609, 59.5557, 56.2368** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.9153, 80.7920, 96.7566**, and the grayscale version is **58.5336, 61.5819, 67.0627**.

A 20% lighter version of the original color is **90.6772, 93.7641, 99.7053**, and **33.4978, 29.8250, 27.2838** is the 20% darker color. If you saturate the color by 10%, you get **57.3916, 49.0904, 41.9055**, and if you desaturate by 10%, it is **73.0205, 71.8934, 73.1798**.

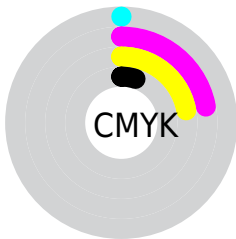
Distribution



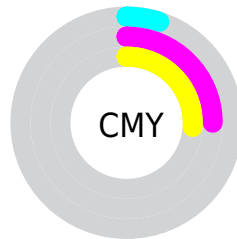
- Red (95%)
- Green (75%)
- Blue (74%)



- Red (95%)
- Yellow (75%)
- Blue (74%)



- Cyan (0%)
- Magenta (22%)
- Yellow (22%)
- Black (5%)



- Cyan (5%)
- Magenta (25%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.5609, 59.5557, 56.2368 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 64.5609, 59.5557, 56.2368 by changing the saturation by 10% instead.

64.5609, 59.5557,
56.2368

64.5609, 59.5557,
56.2368

430.7825,
422.9582, 427.9967

47.3685, 43.0606,
39.9875

110.4876,
104.1849, 100.8400

33.5362, 29.9327,
27.2151

139.9525,
133.0878, 130.0310

22.6987, 19.7875,
17.5010

174.2390,
166.8954, 164.3729

14.4907, 12.2407,
10.4266

213.7125,
205.9921, 204.2845

8.5467, 6.9078,
5.5734

258.7382,
250.7624, 250.1840

4.5014, 3.4045,
2.5229

309.6815,

1.9895, 1.3464,

301.5905, 302.4902

0.8523

366.9079,
358.8610, 361.6216

0.6281, 0.1767,
0.0000

0.0000, 0.0000,
0.0000

64.5609, 59.5557,
56.2368

64.5609, 59.5557,
56.2368

57.3916, 49.0904,
41.9055

73.0205, 71.8934,
73.1798

51.4448, 40.3984,
30.0526

82.8243, 86.1801,
92.8514

46.6536, 33.3840,
20.5387

90.7723, 97.7948,
108.6998

42.9429, 27.9390,
13.2091

■ 40.2289, 23.9428,
7.8905

■ 38.4153, 21.2571,
4.3832

■ 37.3868, 19.7170,
2.4469

■ 37.0114, 19.1529,
1.7462

Harmonies

Analogous

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



65.1692, 59.5557, 67.9784



64.5609, 59.5557, 56.2368



61.7701, 59.5557, 47.8792

Triad

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



64.5609, 59.5557, 56.2368



50.3216, 59.5557, 51.5187



55.5361, 59.5557, 91.1517

Complementary

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



64.5609, 59.5557, 56.2368



68.9153, 80.7920, 96.7566

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.



51.7379, 59.5557, 85.4111



64.5609, 59.5557, 56.2368



48.8276, 59.5557, 61.8114

Square

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



64.5609, 59.5557, 56.2368



53.5141, 59.5557, 45.4044



49.3328, 59.5557, 74.2919



59.8146, 59.5557, 89.1697

Rectangle

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



64.5609, 59.5557, 56.2368



59.1202, 59.5557, 44.8543



49.3328, 59.5557, 74.2919



54.1639, 59.5557, 90.0386

Sweetspot

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



64.5625, 59.5584, 56.2380



86.9719, 88.2311, 92.6821



71.2023, 61.8674, 92.2724



18.4741, 18.6789, 19.5540



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.



64.5625, 59.5584, 56.2380



67.9807, 60.5353, 54.6395



70.9351, 72.3036, 58.3622



16.5238, 16.5318, 17.1176



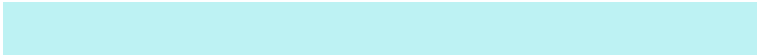
20.3238, 10.5331, 0.9619



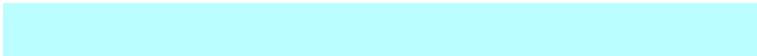
1.7948, 0.9428, 0.0874

Inverse Universe

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



68.9153, 80.7920, 96.7566



73.6889, 88.3834, 107.7836



61.4905, 65.9424, 94.2817



16.9687, 18.7018, 21.2580



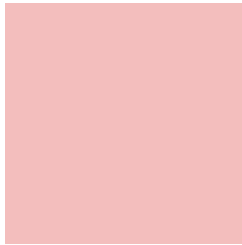
25.7479, 37.2896, 52.3786



2.2713, 3.2940, 4.6063

Previews

White Background



This preview shows how the XYZ color 64.5609, 59.5557, 56.2368 looks on a white background.

Color Contrast Check

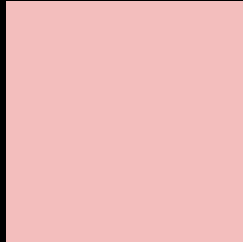
Large Text (above 18pt) WCAG AA × Fail

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 64.5609, 59.5557, 56.2368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

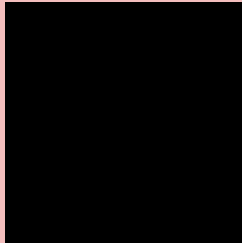
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.5609, 59.5557, 56.2368

Background



This preview shows how black text looks on a background with the XYZ color 64.5609, 59.5557, 56.2368.



This preview shows how white text looks on a background with the XYZ color 64.5609, 59.5557,

56.2368.

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

64.5609, 59.5557, 56.2368

Protanopia

57.0968, 59.6365, 60.7262

Deuteranopia

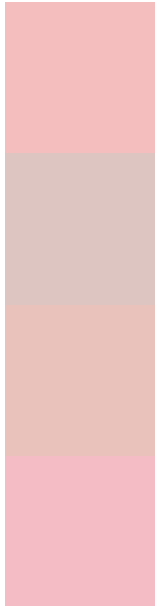
60.8119, 59.6047, 55.8767



Tritanopia

66.3001, 59.6432, 63.8950

Trichromacy



Original Color

64.5609, 59.5557, 56.2368

Protanomaly

59.6385, 59.6106, 58.8148

Deuteranomaly

61.9732, 59.5381, 55.8026

Tritanomaly

65.5839, 59.6595, 60.8821

Monochromacy



Original Color

64.5609, 59.5557, 56.2368

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

60.2930, 60.5388, 63.1509

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.5609, 59.5557, 56.2368 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(243, 190, 189)` looks like.

```
.text, #text, p{  
    color:rgb(243, 190, 189)  
}
```

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(243, 190, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 190, 189) }
```

Border

The CSS property to change the border of an element to XYZ 64.5609, 59.5557, 56.2368 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(243, 190, 189) }
```


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

```
.border{ border-color:rgb(243, 190, 189) }
```

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

Here you see how a box with a 4 pixel rgb(243, 190, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 190, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 190, 189);  
box-shadow:4px 4px 4px 4px rgb(243, 190,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 64.5609, 59.5557, 56.2368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 190, 189) }
```

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

```
.background{ background-color: rgb(243,  
190, 189) }
```

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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