

Converting Colors

XYZ(65.5543, 59.5007, 56.1660)

Have a look what the booklet for
XYZ(65.5543, 59.5007, 56.1660)
contains.

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Color

**XYZ(65.5263, 59.4147,
56.1587)**

Conversions

Conversions Part 1

Format	Color
Hex	F7BCBD
RGB	247, 188, 189
RGB Percent	97%, 74%, 74%
CMY	0.0314, 0.2627, 0.2588
CMYK	0.00, 0.24, 0.23, 0.03
HSL	359°, 79%, 85%
HSV	359°, 24%, 97%
XYZ	65.5263, 59.4147, 56.1587
YIQ	205.7550, 34.8430, 12.8190

Conversions

Conversions Part 2

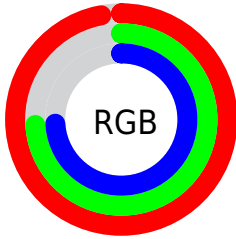
Format	Color
R _Y B	247, 188, 189
Decimal	16235709
CIE _{Lab}	81.52, 21.36, 7.74
CIE _{LCh}	82, 22.722, 19.928
Y _{xy}	59.4147, 0.3618, 0.3281
Android (android.graphics.Color)	4294425789 (0xFFF7BCBD)
Y _{UV}	205.7550, -8.2602, 36.1719
Hunter-Lab	77.0809, 16.8508, 10.7599

Details

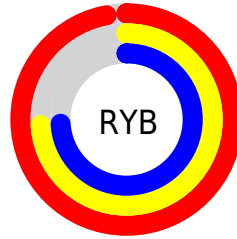
The XYZ color **65.5263, 59.4147, 56.1587** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.6368, 83.8681, 99.6581**, and the grayscale version is **58.5464, 61.5954, 67.0774**.

A 20% lighter version of the original color is **90.0721, 92.5539, 99.5036**, and **34.2042, 29.7749, 27.2369** is the 20% darker color. If you saturate the color by 10%, you get **58.2754, 48.7838, 41.8077**, and if you desaturate by 10%, it is **74.1248, 72.0336, 73.1375**.

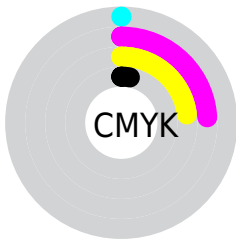
Distribution



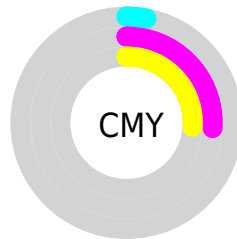
- Red (97%)
- Green (74%)
- Blue (74%)



- Red (97%)
- Yellow (74%)
- Blue (74%)



- Cyan (0%)
- Magenta (24%)
- Yellow (23%)
- Black (3%)





- Cyan (3%)
- Magenta (26%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.5263, 59.4147, 56.1587 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 65.5263, 59.4147, 56.1587 by changing the saturation by 10% instead.


 65.5263, 59.4147,
56.1587

 65.5263, 59.4147,
56.1587


434.1962,
422.4370, 427.6944

 48.1542, 42.9470,
39.9253


 111.8677,
103.9801, 100.7247

 34.1608, 29.8436,
27.1670


141.5677,
132.8467, 129.8944

 23.1806, 19.7199,
17.4651


176.1078,
166.6151, 164.2133

 14.8484, 12.1916,
10.4012

215.8533,
205.6696, 204.0999

 8.7987, 6.8743,
5.5567

261.1695,
250.3946, 249.9727

 4.6661, 3.3836,
2.5131

312.4218,

 2.0855, 1.3351,

301.1746, 302.2504

0.8471

369.9756,
358.3939, 361.3515

■ 0.6813, 0.1682,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.5263, 59.4147,
56.1587

■ 65.5263, 59.4147,
56.1587

■ 58.2754, 48.7838,
41.8077

■ 74.1248, 72.0336,
73.1375

■ 52.2994, 40.0319,
29.9498

■ 84.1291, 86.7258,
92.8622

■ 47.5259, 33.0521,
20.4440

■ 92.1680, 98.5142,
108.7651

■ 43.8735, 27.7237,
13.1338

■ 41.2508, 23.9106,
7.8437

■ 39.5518, 21.4554,
4.3713

■ 38.6480, 20.1660,
2.4724

■ 38.3808, 19.7834,
1.9154

Harmonies

Analogous

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



65.9770, 59.4147, 69.3886



65.5263, 59.4147, 56.1587



62.5748, 59.4147, 46.6264

Triad

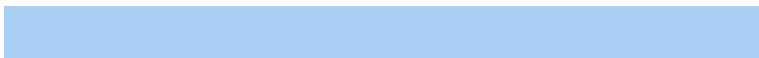
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.5263, 59.4147, 56.1587



49.7499, 59.4147, 49.2349



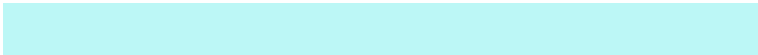
54.8854, 59.4147, 94.1039

Complementary

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



65.5263, 59.4147, 56.1587



70.6368, 83.8681, 99.6581

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.



50.7793, 59.4147, 86.9096



65.5263, 59.4147, 56.1587



47.9266, 59.4147, 60.2132

Square

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



65.5263, 59.4147, 56.1587



53.4077, 59.4147, 43.0355



48.2925, 59.4147, 74.0498



59.6511, 59.4147, 92.6146

Rectangle

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



65.5263, 59.4147, 56.1587



59.6736, 59.4147, 43.0527



48.2925, 59.4147, 74.0498



53.3868, 59.4147, 92.5859

Sweetspot

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



65.5279, 59.4174, 56.1599



86.9197, 88.0561, 92.8822



72.4412, 62.1030, 96.1651



18.4621, 18.6386, 19.6001



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.



65.5279, 59.4174, 56.1599



66.2483, 57.7178, 52.0664



71.8731, 72.2801, 57.7437



16.5105, 16.4870, 17.1688



20.3034, 10.4648, 1.0400



1.7884, 0.9213, 0.1120

Inverse Universe

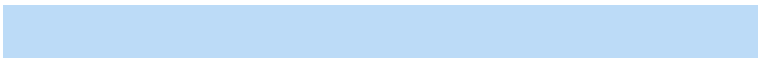
The Inverse Universe completely reimagines the original color for something new.



65.5279, 59.4174, 56.1599



66.2483, 57.7178, 52.0664



62.9834, 68.3161, 97.8628



16.5105, 16.4870, 17.1688



20.3034, 10.4648, 1.0400



1.7884, 0.9213, 0.1120

Previews

White Background



This preview shows how the XYZ color 65.5263, 59.4147, 56.1587 looks on a white background.

Color Contrast Check

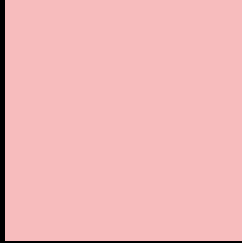
Large Text (above 18pt) WCAG AA × Fail

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 65.5263, 59.4147, 56.1587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

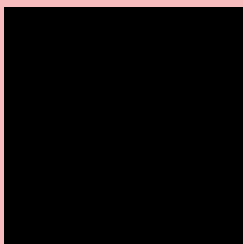
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.5263, 59.4147, 56.1587

Background



This preview shows how black text looks on a background with the XYZ color 65.5263, 59.4147, 56.1587.



This preview shows how white text looks on a background with the XYZ color 65.5263, 59.4147,

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

65.5263, 59.4147, 56.1587

Protanopia

57.2110, 59.6822, 61.3278

Deuteranopia

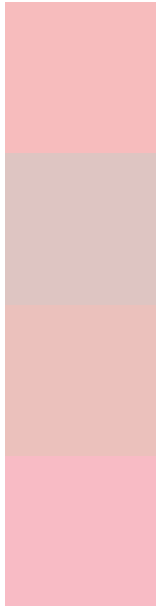
60.8119, 59.6047, 55.8767



Tritanopia

66.8129, 59.2913, 63.1813

Trichromacy



Original Color

65.5263, 59.4147, 56.1587

Protanomaly

59.8281, 59.3571, 59.3427

Deuteranomaly

62.4080, 59.4329, 55.7594

Tritanomaly

66.5598, 59.5283, 60.8054

Monochromacy



Original Color

65.5263, 59.4147, 56.1587

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

60.6675, 60.3891, 63.1023

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.5263, 59.4147, 56.1587 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(247, 188, 189)` looks like.

```
.text, #text, p{  
    color:rgb(247, 188, 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(247, 188, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 188, 189) }
```

Border

The CSS property to change the border of an element to XYZ 65.5263, 59.4147, 56.1587 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(247, 188, 189) }
```


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

```
.border{ border-color:rgb(247, 188, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 188, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 188, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 188, 189);  
box-shadow:4px 4px 4px 4px rgb(247, 188,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 65.5263, 59.4147, 56.1587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 188, 189) }
```

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

```
.background{ background-color: rgb(247,  
188, 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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