

Converting Colors

XYZ(65.7226, 57.1257, 55.5879)

Have a look what the booklet for
XYZ(65.7226, 57.1257, 55.5879)
contains.

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Color

**XYZ(65.6514, 57.0121,
55.6883)**

Conversions

Conversions Part 1

Format	Color
Hex	FCB4BD
RGB	252, 180, 189
RGB Percent	99%, 71%, 74%
CMY	0.0118, 0.2941, 0.2588
CMYK	0.00, 0.29, 0.25, 0.01
HSL	353°, 92%, 85%
HSV	353°, 29%, 99%
XYZ	65.6514, 57.0121, 55.6883
YIQ	202.5540, 40.0230, 18.0630

Conversions

Conversions Part 2

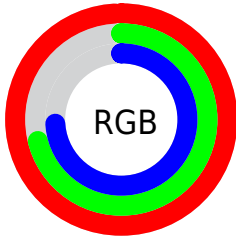
Format	Color
R _Y B	252, 180, 189
Decimal	16561341
CIE Lab	80.19, 27.39, 5.90
CIE LCh	80, 28.014, 12.150
Yxy	57.0121, 0.3681, 0.3197
Android (android.graphics.Color)	4294751421 (0xFFFCB4BD)
YUV	202.5540, -6.6821, 43.3641
Hunter-Lab	75.5064, 23.0664, 9.1262

Details

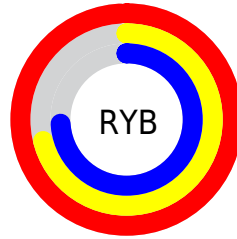
The XYZ color **65.6514, 57.0121, 55.6883** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.8128, 85.7964, 97.6792**, and the grayscale version is **56.5095, 59.4524, 64.7436**.

A 20% lighter version of the original color is **87.7169, 87.8435, 98.7185**, and **34.2814, 28.4257, 26.9724** is the 20% darker color. If you saturate the color by 10%, you get **58.8045, 46.8619, 42.4807**, and if you desaturate by 10%, it is **73.7902, 69.1628, 71.1233**.

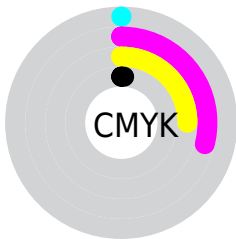
Distribution



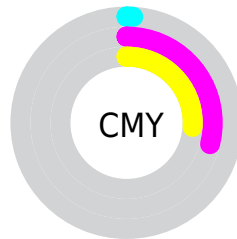
- Red (99%)
- Green (71%)
- Blue (74%)



- Red (99%)
- Yellow (71%)
- Blue (74%)



- Cyan (0%)
- Magenta (29%)
- Yellow (25%)
- Black (1%)





- Cyan (1%)
- Magenta (29%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.6514, 57.0121, 55.6883 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 65.6514, 57.0121, 55.6883 by changing the saturation by 10% instead.


 65.6514, 57.0121,
55.6883

 65.6514, 57.0121,
55.6883


434.6374,
413.4946, 425.8710

 48.2561, 41.0150,
39.5508


 112.0464,
100.4828, 100.0299

 34.2419, 28.3308,
26.8773


141.7768,
128.7252, 129.0711

 23.2432, 18.5751,
17.2495


176.3496,
161.8182, 163.2506

 14.8949, 11.3637,
10.2487

216.1302,
200.1460, 202.9868

 8.8315, 6.3120,
5.4564

261.4839,
244.0932, 248.6985

 4.6877, 3.0357,
2.4541

312.7761,

 2.0981, 1.1504,

294.0441, 300.8040

0.8157

370.3722,
350.3831, 359.7220

■ 0.6882, 0.0206,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.6514, 57.0121,
55.6883

■ 65.6514, 57.0121,
55.6883

■ 58.8045, 46.8619,
42.4807

■ 73.7902, 69.1628,
71.1233

■ 53.1783, 38.5974,
31.3941

■ 83.2779, 83.4048,
88.8785

■ 48.7018, 32.1043,
22.3184

■ 93.9550, 99.4355,
108.8488

■ 45.2948, 27.2528,
15.1323

■ 42.8664, 23.8952,
9.7012

■ 41.3105, 21.8571,
5.8722

■ 40.4822, 20.8930,
3.4613

■ 40.3987, 20.7970,
3.2150

Harmonies

Analogous

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



65.3306, 57.0121, 72.2273



65.6514, 57.0121, 55.6883



62.7467, 57.0121, 43.2686

Triad

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



65.6514, 57.0121, 55.6883



47.1463, 57.0121, 41.5526



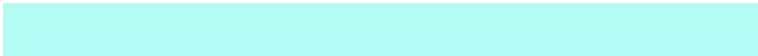
50.8905, 57.0121, 97.0927

Complementary

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



65.6514, 57.0121, 55.6883



69.8128, 85.7964, 97.6792

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.



46.4458, 57.0121, 85.6704



65.6514, 57.0121, 55.6883



44.3909, 57.0121, 52.9243

Square

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



65.6514, 57.0121, 55.6883



51.9092, 57.0121, 36.1221



44.1438, 57.0121, 68.9354



56.5331, 57.0121, 98.1879

Rectangle

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



65.6514, 57.0121, 55.6883



59.4834, 57.0121, 38.2097



44.1438, 57.0121, 68.9354



49.2171, 57.0121, 94.2517

Sweetspot

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



65.6530, 57.0148, 55.6895



85.0941, 84.9948, 90.4553



70.6490, 58.6217, 99.6872



17.8929, 17.7101, 18.7636



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.



65.6530, 57.0148, 55.6895



63.4481, 52.6362, 49.5336



70.5526, 68.3285, 52.6536



17.3328, 17.2605, 18.3425



21.0724, 10.8447, 1.8238



1.9787, 1.0152, 0.3112

Inverse Universe

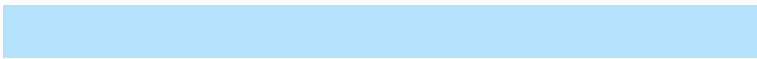
The Inverse Universe completely reimagines the original color for something new.



65.6530, 57.0148, 55.6895



63.4481, 52.6362, 49.5336



63.4830, 70.9091, 102.4366



17.3328, 17.2605, 18.3425



21.0724, 10.8447, 1.8238



1.9787, 1.0152, 0.3112

Previews

White Background



This preview shows how the XYZ color 65.6514, 57.0121, 55.6883 looks on a white background.

Color Contrast Check

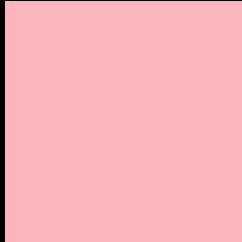
Large Text (above 18pt) WCAG AA × Fail

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 65.6514, 57.0121, 55.6883 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 65.6514, 57.0121, 55.6883

Background



This preview shows how black text looks on a background with the XYZ color 65.6514, 57.0121, 55.6883.



This preview shows how white text looks on a background with the XYZ color 65.6514, 57.0121,

55.6883.

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

65.6514, 57.0121, 55.6883

Protanopia

55.1315, 57.2082, 62.1694

Deuteranopia

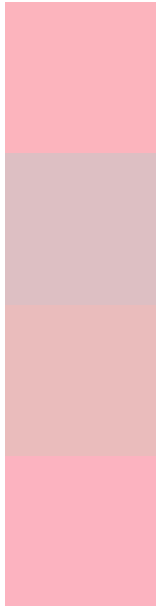
58.2507, 56.9751, 54.9409



Tritanopia

65.8906, 56.7859, 57.9400

Trichromacy



Original Color

65.6514, 57.0121, 55.6883

Protanomaly

58.2999, 56.5739, 59.4769

Deuteranomaly

60.9920, 57.0897, 55.3817

Tritanomaly

65.7794, 56.7414, 57.3544

Monochromacy



Original Color

65.6514, 57.0121, 55.6883

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

59.5269, 58.4796, 61.5764

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.6514, 57.0121, 55.6883 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(252, 180, 189)` looks like.

```
.text, #text, p{  
    color:rgb(252, 180, 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(252, 180, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 180, 189) }
```

Border

The CSS property to change the border of an element to XYZ 65.6514, 57.0121, 55.6883 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(252, 180, 189) }
```


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

```
.border{ border-color:rgb(252, 180, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 180, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 180, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 180, 189);  
box-shadow:4px 4px 4px 4px rgb(252, 180,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 65.6514, 57.0121, 55.6883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 180, 189) }
```

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

```
.background{ background-color: rgb(252,  
180, 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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