

Converting Colors

XYZ(64.2337, 54.7498, 57.1269)

Have a look what the booklet for
XYZ(64.2337, 54.7498, 57.1269)
contains.

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Color

**XYZ(64.2687, 54.7897,
57.0573)**

Conversions

Conversions Part 1

Format	Color
Hex	FAAFC0
RGB	250, 175, 192
RGB Percent	98%, 69%, 75%
CMY	0.0196, 0.3137, 0.2471
CMYK	0.00, 0.30, 0.23, 0.02
HSL	346°, 88%, 83%
HSV	346°, 30%, 98%
XYZ	64.2687, 54.7897, 57.0573
YIQ	199.3630, 39.2430, 21.1870

Conversions

Conversions Part 2

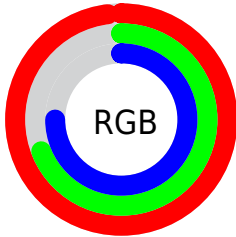
Format	Color
R _Y B	250, 175, 192
Decimal	16428992
CIE Lab	78.92, 29.72, 2.41
CIE LCh	79, 29.818, 4.640
Yxy	54.7897, 0.3649, 0.3111
Android (android.graphics.Color)	4294619072 (0xFFFAAFC0)
YUV	199.3630, -3.6300, 44.4086
Hunter-Lab	74.0201, 25.4494, 6.1112

Details

The XYZ color **64.2687, 54.7897, 57.0573** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.5751, 83.3696, 89.6779**, and the grayscale version is **54.5144, 57.3534, 62.4578**.

A 20% lighter version of the original color is **86.7592, 85.1891, 100.6774**, and **33.3580, 26.9896, 27.8775** is the 20% darker color. If you saturate the color by 10%, you get **57.8424, 45.1430, 45.0310**, and if you desaturate by 10%, it is **71.8802, 66.3555, 70.8684**.

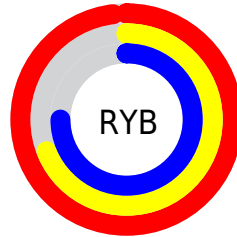
Distribution



Red (98%)

Green (69%)

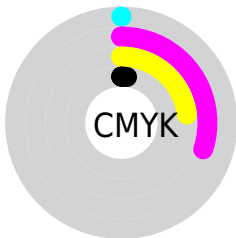
Blue (75%)



Red (98%)

Yellow (69%)

Blue (75%)

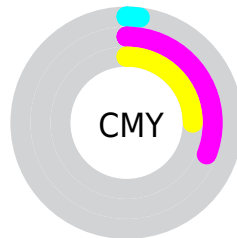


Cyan (0%)

Magenta (30%)

Yellow (23%)

Black (2%)



Cyan (2%)

Magenta (31%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.2687, 54.7897, 57.0573 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 64.2687, 54.7897, 57.0573 by changing the saturation by 10% instead.

64.2687, 54.7897,
57.0573

64.2687, 54.7897,
57.0573

429.7462,
405.1143, 431.1637

47.1308, 39.2334,
40.6416

110.0694, 97.2328,
102.0500

33.3475, 26.9413,
27.7215

139.4629,
124.8883, 131.4640

22.5533, 17.5292,
17.8786

173.6724,
157.3457, 166.0478

14.3829, 10.6125,
10.6944

213.0632,
194.9893, 206.2201

8.4709, 5.8069,
5.7501

258.0006,
238.2036, 252.3993

4.4521, 2.7280,
2.6274

308.8500,

1.9609, 0.9914,

287.3729, 305.0039

0.9066

365.9767,
342.8817, 364.4525

0.6119, 0.0000,
0.0000

0.0000, 0.0000,
0.0000

64.2687, 54.7897,
57.0573

64.2687, 54.7897,
57.0573

57.8424, 45.1430,
45.0310

71.8802, 66.3555,
70.8684

52.5361, 37.3038,
34.7123

80.7287, 79.9288,
86.5304

48.2851, 31.1607,
26.0230

90.8682, 95.6017,
104.1103

45.0161, 26.5871,
18.8773

93.2345, 99.0641,
108.8150

■ 42.6458, 23.4380,
13.1811

■ 41.0765, 21.5413,
8.8292

■ 40.1546, 20.6162,
5.6894

■ 40.1544, 20.6160,
5.6887

Harmonies

Analogous

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



63.0570, 54.7897, 74.7407



64.2687, 54.7897, 57.0573



62.0163, 54.7897, 42.9749

Triad

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



64.2687, 54.7897, 57.0573



45.8684, 54.7897, 36.6495



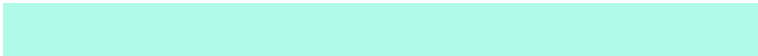
47.3501, 54.7897, 94.2399

Complementary

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



64.2687, 54.7897, 57.0573



66.5751, 83.3696, 89.6779

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.



43.2590, 54.7897, 80.1777



64.2687, 54.7897, 57.0573



42.4501, 54.7897, 46.7523

Square

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



64.2687, 54.7897, 57.0573



51.1603, 54.7897, 32.7006



41.5319, 54.7897, 62.3338



53.0025, 54.7897, 98.4172

Rectangle

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



64.2687, 54.7897, 57.0573



58.9468, 54.7897, 36.8194



41.5319, 54.7897, 62.3338



45.7610, 54.7897, 90.3967

Sweetspot

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



64.2702, 54.7923, 57.0584



85.4334, 85.1305, 92.2421



66.0284, 54.8044, 97.5410



17.9759, 17.7433, 19.2003



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.



64.2702, 54.7923, 57.0584



63.0248, 50.9863, 51.8688



66.6791, 62.4518, 49.1007



17.4057, 17.2896, 18.7261



21.3436, 10.9532, 3.2520



2.0152, 1.0298, 0.5034

Inverse Universe

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



64.2702, 54.7923, 57.0584



63.0248, 50.9863, 51.8688



63.2333, 72.6115, 101.1255



17.4057, 17.2896, 18.7261



21.3436, 10.9532, 3.2520



2.0152, 1.0298, 0.5034

Previews

White Background



This preview shows how the XYZ color 64.2687, 54.7897, 57.0573 looks on a white background.

Color Contrast Check

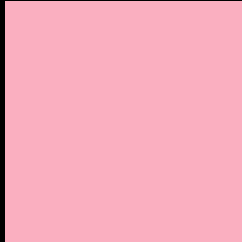
Large Text (above 18pt) WCAG AA × Fail

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 64.2687, 54.7897, 57.0573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

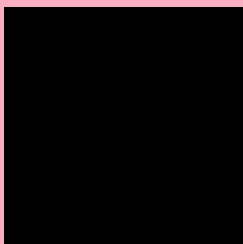
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.2687, 54.7897, 57.0573

Background



This preview shows how black text looks on a background with the XYZ color 64.2687, 54.7897, 57.0573.



This preview shows how white text looks on a background with the XYZ color 64.2687, 54.7897,

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

64.2687, 54.7897, 57.0573

Protanopia

53.3206, 55.2123, 64.3467

Deuteranopia

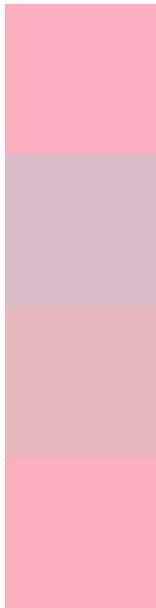
55.9982, 54.8210, 55.7742



Tritanopia

64.1350, 55.0488, 55.3893

Trichromacy



Original Color

64.2687, 54.7897, 57.0573

Protanomaly

56.6109, 54.6889, 61.6051

Deuteranomaly

58.7479, 54.6567, 56.1686

Tritanomaly

64.2439, 55.0924, 55.9631

Monochromacy



Original Color

64.2687, 54.7897, 57.0573

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

57.2907, 55.7179, 59.9596

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.2687, 54.7897, 57.0573 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(250, 175, 192) looks like.

```
.text, #text, p{  
    color:rgb(250, 175, 192)  
}
```

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(250, 175, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 175, 192) }
```

Border

The CSS property to change the border of an element to XYZ 64.2687, 54.7897, 57.0573 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(250, 175, 192) }
```


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

```
.border{ border-color:rgb(250, 175, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 175, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 175, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 175, 192);  
box-shadow:4px 4px 4px 4px rgb(250, 175,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 64.2687, 54.7897, 57.0573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 175, 192) }
```

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

```
.background{ background-color: rgb(250,  
175, 192) }
```

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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