

Converting Colors

XYZ(65.1400, 54.3816, 56.9326)

Have a look what the booklet for
XYZ(65.1400, 54.3816, 56.9326)
contains.

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Color

**XYZ(65.1400, 54.3816,
56.9326)**

Conversions

Conversions Part 1

Format	Color
Hex	FEACC0
RGB	254, 172, 192
RGB Percent	100%, 67%, 75%
CMY	0.0039, 0.3255, 0.2471
CMYK	0.00, 0.32, 0.24, 0.00
HSL	345°, 98%, 84%
HSV	345°, 32%, 100%
XYZ	65.1400, 54.3816, 56.9326
YIQ	198.7980, 42.4520, 23.6040

Conversions

Conversions Part 2

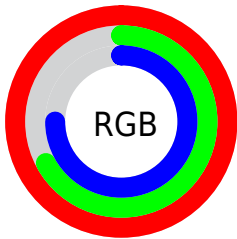
Format	Color
R_{YB}	254, 172, 192
Decimal	16690368
CIE _{Lab}	78.68, 32.71, 2.12
CIE _{LCh}	79, 32.781, 3.712
Yxy	54.3816, 0.3692, 0.3082
Android (android.graphics.Color)	4294880448 (0xFFFEACC0)
YUV	198.7980, -3.3514, 48.4122
Hunter-Lab	73.7439, 28.6222, 5.8470

Details

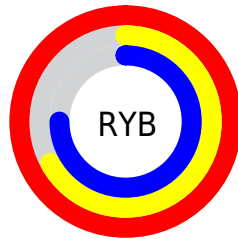
The XYZ color **65.1400, 54.3816, 56.9326** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **67.3087, 85.5962, 90.8203**, and the grayscale version is **54.1656, 56.9864, 62.0582**.

A 20% lighter version of the original color is **85.9267, 83.5241, 100.3999**, and **34.0220, 26.7935, 27.8046** is the 20% darker color. If you saturate the color by 10%, you get **58.7688, 44.8253, 44.9860**, and if you desaturate by 10%, it is **72.7158, 65.9017, 70.6521**.

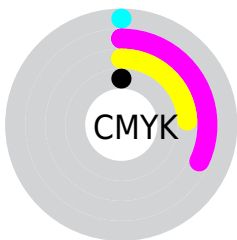
Distribution



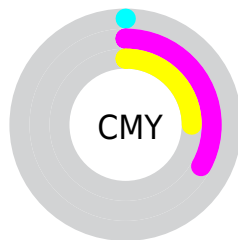
- Red (100%)
- Green (67%)
- Blue (75%)



- Red (100%)
- Yellow (67%)
- Blue (75%)



- Cyan (0%)
- Magenta (32%)
- Yellow (24%)
- Black (0%)



- Cyan (0%)
- Magenta (33%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.1400, 54.3816, 56.9326 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 65.1400, 54.3816, 56.9326 by changing the saturation by 10% instead.


 65.1400, 54.3816,
56.9326

 65.1400, 54.3816,
56.9326


432.8322,
403.5635, 430.6834

 47.8397, 38.9068,
40.5421


 111.3157, 96.6343,
101.8662

 33.9107, 26.6873,
27.6445


140.9218,
124.1810, 131.2464

 22.9876, 17.3385,
17.8211

175.3606,
156.5205, 165.7936

 14.7050, 10.4761,
10.6535

214.9975,
194.0372, 205.9263

 8.6976, 5.7158,
5.7231

260.1977,
237.1155, 252.0631

 4.6000, 2.6730,
2.6114


311.3266,


 2.0468, 0.9635,

286.1397, 304.6225


0.8983


368.7497,
341.4942, 364.0231


 0.6601, 0.0000,
0.0000


 0.0000, 0.0000,
0.0000


 65.1400, 54.3816,
56.9326

 65.1400, 54.3816,
56.9326


 58.7688, 44.8253,
44.9860


 72.7158, 65.9017,
70.6521

 53.5342, 37.1152,
34.7351

 81.5503, 79.4793,
86.2104

 49.3683, 31.1333,
26.1019

 91.6998, 95.2110,
103.6743

 46.1936, 26.7441,
19.0005

94.6833, 99.8109,
108.8828

■ 43.9218, 23.7921,
13.3367

■ 42.4478, 22.0900,
9.0043

■ 41.7411, 21.4181,
6.4829

Harmonies

Analogous

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



63.6787, 54.3816, 76.4567



65.1400, 54.3816, 56.9326



62.7564, 54.3816, 41.5388

Triad

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



65.1400, 54.3816, 56.9326



45.0787, 54.3816, 34.2206



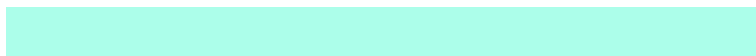
46.3659, 54.3816, 97.2976

Complementary

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



65.1400, 54.3816, 56.9326



67.3087, 85.5962, 90.8203

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.



42.0043, 54.3816, 81.2990



65.1400, 54.3816, 56.9326



41.3059, 54.3816, 44.7778

Square

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



65.1400, 54.3816, 56.9326



50.8858, 54.3816, 30.2729



40.2286, 54.3816, 61.5521



52.4987, 54.3816, 102.4176

Rectangle

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



65.1400, 54.3816, 56.9326



59.4155, 54.3816, 34.8625



40.2286, 54.3816, 61.5521



44.6615, 54.3816, 92.8700

Sweetspot

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



65.1415, 54.3842, 56.9337



84.4973, 83.6155, 90.8284



66.4116, 54.0714, 100.7030



17.7917, 17.4424, 18.9310



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.



65.1415, 54.3842, 56.9337



61.2711, 48.1734, 49.1432



67.2809, 61.9711, 47.4484



18.1910, 18.0597, 19.6228



22.0546, 11.3111, 3.6720



2.1883, 1.1177, 0.5730

Inverse Universe

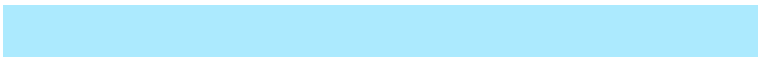
The Inverse Universe completely reimagines the original color for something new.



65.1415, 54.3842, 56.9337



61.2711, 48.1734, 49.1432



64.1853, 74.4896, 104.7614



18.1910, 18.0597, 19.6228



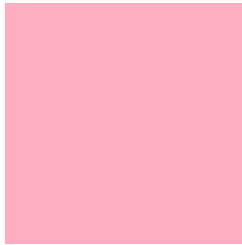
22.0546, 11.3111, 3.6720



2.1883, 1.1177, 0.5730

Previews

White Background



This preview shows how the XYZ color 65.1400, 54.3816, 56.9326 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 65.1400, 54.3816, 56.9326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

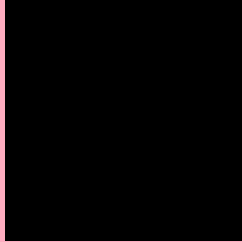
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.1400, 54.3816, 56.9326

Background



This preview shows how black text looks on a background with the XYZ color 65.1400, 54.3816, 56.9326.



This preview shows how white text looks on a background with the XYZ color 65.1400, 54.3816,

56.9326.

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

65.1400, 54.3816, 56.9326

Protanopia

53.0762, 54.7271, 65.5236

Deuteranopia

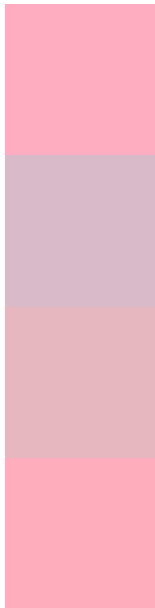
55.7018, 54.6682, 55.7603



Tritanopia

64.3145, 54.3150, 53.5485

Trichromacy



Original Color

65.1400, 54.3816, 56.9326

Protanomaly

56.5995, 54.0397, 62.0912

Deuteranomaly

58.8609, 54.4077, 56.1146

Tritanomaly

64.5287, 54.4006, 54.6763

Monochromacy



Original Color

65.1400, 54.3816, 56.9326

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

57.3748, 55.4408, 59.9017

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.1400, 54.3816, 56.9326 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(254, 172, 192)` looks like.

```
.text, #text, p{  
    color:rgb(254, 172, 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(254, 172, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 172, 192) }
```

Border

The CSS property to change the border of an element to XYZ 65.1400, 54.3816, 56.9326 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(254, 172, 192) }
```


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

```
.border{ border-color:rgb(254, 172, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 172, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 172, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 172, 192);  
box-shadow:4px 4px 4px 4px rgb(254, 172,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 65.1400, 54.3816, 56.9326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 172, 192) }
```

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

```
.background{ background-color: rgb(254,  
172, 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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