

Converting Colors

XYZ(64.6517, 53.5819, 56.2250)

Have a look what the booklet for
XYZ(64.6517, 53.5819, 56.2250)
contains.

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Color

**XYZ(64.6517, 53.5819,
56.2250)**

Conversions

Conversions Part 1

Format	Color
Hex	FEAABF
RGB	254, 170, 191
RGB Percent	100%, 67%, 75%
CMY	0.0039, 0.3333, 0.2510
CMYK	0.00, 0.33, 0.25, 0.00
HSL	345°, 98%, 83%
HSV	345°, 33%, 100%
XYZ	64.6517, 53.5819, 56.2250
YIQ	197.5100, 43.3230, 24.3390

Conversions

Conversions Part 2

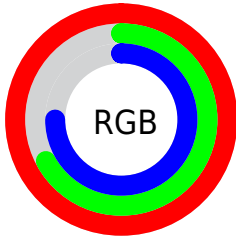
Format	Color
RYB	254, 170, 191
Decimal	16689855
CIELab	78.22, 33.62, 1.99
CIElCh	78, 33.677, 3.385
Yxy	53.5819, 0.3706, 0.3071
Android (android.graphics.Color)	4294879935 (0xFFFEAABF)
YUV	197.5100, -3.2094, 49.5417
Hunter-Lab	73.1997, 29.5561, 5.6988

Details

The XYZ color **64.6517, 53.5819, 56.2250** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **66.7297, 85.3141, 90.0453**, and the grayscale version is **53.3811, 56.1610, 61.1594**.

A 20% lighter version of the original color is **85.2249, 82.3681, 99.4025**, and **33.7137, 26.2933, 27.3430** is the 20% darker color. If you saturate the color by 10%, you get **58.3801, 44.1783, 44.4548**, and if you desaturate by 10%, it is **72.1189, 64.9393, 69.7404**.

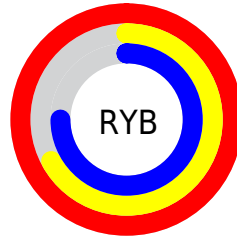
Distribution



Red (100%)

Green (67%)

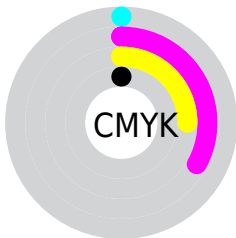
Blue (75%)



Red (100%)

Yellow (67%)

Blue (75%)

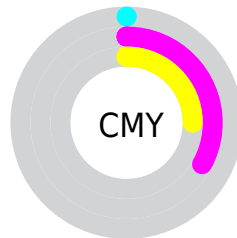


Cyan (0%)

Magenta (33%)

Yellow (25%)

Black (0%)



Cyan (0%)

Magenta (33%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.6517, 53.5819, 56.2250 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 64.6517, 53.5819, 56.2250 by changing the saturation by 10% instead.


 64.6517, 53.5819,
56.2250

 64.6517, 53.5819,
56.2250


431.1043,
400.5137, 427.9510

 47.4424, 38.2675,
39.9781


 110.6175, 95.4601,
100.8225

 33.5949, 26.1904,
27.2078


140.1046,
122.7927, 130.0103

 22.7440, 16.9661,
17.4956


174.4150,
154.9001, 164.3488

 14.5242, 10.2103,
10.4228

213.9141,
192.1667, 204.2566

 8.5703, 5.5386,
5.5709

258.9673,
234.9770, 250.1521

 4.5168, 2.5666,
2.5214


309.9398,

 1.9985, 0.9099,


283.7153, 302.4540


0.8515


367.1970,
338.7661, 361.5808


 0.6331, 0.0000,
0.0000


 0.0000, 0.0000,
0.0000


 64.6517, 53.5819,
56.2250


 64.6517, 53.5819,
56.2250


 58.3801, 44.1783,
44.4548


 72.1189, 64.9393,
69.7404

 53.2360, 36.6103,
34.3538

 80.8359, 78.3447,
85.0660

 49.1511, 30.7589,
25.8450

 90.8591, 93.8951,
102.2676

 46.0477, 26.4876,
18.8439

94.6831, 99.8109,
108.8828

■ 43.8368, 23.6389,
13.2572

■ 42.4119, 22.0223,
8.9800

■ 41.7840, 21.4352,
6.7096

Harmonies

Analogous

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



63.1160, 53.5819, 76.1536



64.6517, 53.5819, 56.2250



62.2567, 53.5819, 40.5660

Triad

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



64.6517, 53.5819, 56.2250



44.2695, 53.5819, 32.9856



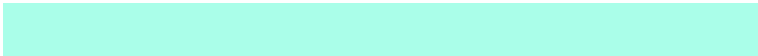
45.4603, 53.5819, 97.1668

Complementary

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



64.6517, 53.5819, 56.2250



66.7297, 85.3141, 90.0453

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.



41.0644, 53.5819, 80.6728



64.6517, 53.5819, 56.2250



40.4196, 53.5819, 43.5490

Square

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



64.6517, 53.5819, 56.2250



50.1835, 53.5819, 29.0985



39.2983, 53.5819, 60.5106



51.6798, 53.5819, 102.5775

Rectangle

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



64.6517, 53.5819, 56.2250



58.8646, 53.5819, 33.7941



39.2983, 53.5819, 60.5106



43.7389, 53.5819, 92.5823

Sweetspot

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



64.6532, 53.5844, 56.2261



84.5199, 83.6245, 90.9473



65.8703, 53.2316, 100.5691



17.7971, 17.4446, 18.9595



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.



64.6532, 53.5844, 56.2261



60.7169, 47.2767, 48.3058



66.7614, 61.2372, 46.3347



18.1956, 18.0615, 19.6471



22.0782, 11.3206, 3.7965



2.1912, 1.1188, 0.5881

Inverse Universe

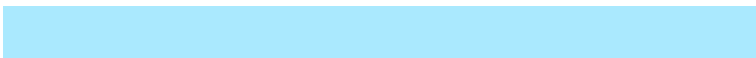
The Inverse Universe completely reimagines the original color for something new.



64.6532, 53.5844, 56.2261



60.7169, 47.2767, 48.3058



63.6078, 73.9814, 104.6935



18.1956, 18.0615, 19.6471



22.0782, 11.3206, 3.7965



2.1912, 1.1188, 0.5881

Previews

White Background



This preview shows how the XYZ color 64.6517, 53.5819, 56.2250 looks on a white background.

Color Contrast Check

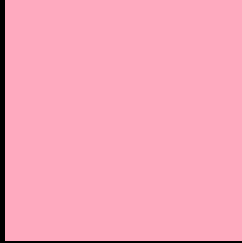
Large Text (above 18pt) WCAG AA × Fail

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 64.6517, 53.5819, 56.2250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

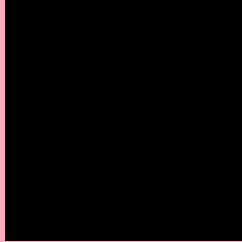
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.6517, 53.5819, 56.2250

Background



This preview shows how black text looks on a background with the XYZ color 64.6517, 53.5819, 56.2250.



This preview shows how white text looks on a background with the XYZ color 64.6517, 53.5819,

56.2250.

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

64.6517, 53.5819, 56.2250

Protanopia

52.2172, 53.9689, 64.7916

Deuteranopia

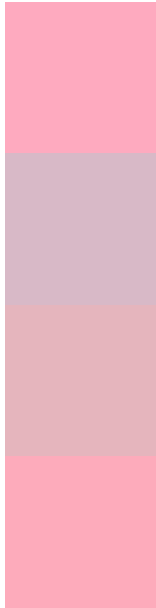
54.8718, 53.6186, 55.0343



Tritanopia

63.7227, 53.4692, 52.3094

Trichromacy



Original Color

64.6517, 53.5819, 56.2250

Protanomaly

55.9767, 53.4204, 61.3937

Deuteranomaly

58.0223, 53.3799, 55.3894

Tritanomaly

64.0406, 53.5963, 53.9835

Monochromacy



Original Color

64.6517, 53.5819, 56.2250

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

56.7470, 54.8120, 59.2186

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.6517, 53.5819, 56.2250 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, 170, 191)` looks like.

```
.text, #text, p{  
    color:rgb(254, 170, 191)  
}
```

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, 170, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 170, 191) }
```

Border

The CSS property to change the border of an element to XYZ 64.6517, 53.5819, 56.2250 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, 170, 191) }
```


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

```
.border{ border-color:rgb(254, 170, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 170, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 170, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 170, 191);  
box-shadow:4px 4px 4px 4px rgb(254, 170,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 64.6517, 53.5819, 56.2250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 170, 191) }
```

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

```
.background{ background-color: rgb(254,  
170, 191) }
```

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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