

Converting Colors

XYZ(64.6538, 54.2083, 56.1929)

Have a look what the booklet for
XYZ(64.6538, 54.2083, 56.1929)
contains.

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Color

**XYZ(64.6645, 54.1493,
56.3339)**

Conversions

Conversions Part 1

Format	Color
Hex	FDACBF
RGB	253, 172, 191
RGB Percent	99%, 67%, 75%
CMY	0.0078, 0.3255, 0.2510
CMYK	0.00, 0.32, 0.25, 0.01
HSL	346°, 95%, 83%
HSV	346°, 32%, 99%
XYZ	64.6645, 54.1493, 56.3339
YIQ	198.3850, 42.1770, 23.0810

Conversions

Conversions Part 2

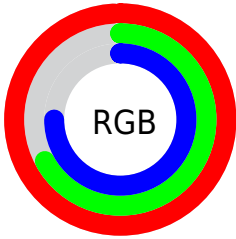
Format	Color
RYB	253, 172, 191
Decimal	16624831
CIELab	78.55, 32.22, 2.46
CIELCh	79, 32.313, 4.360
Yxy	54.1493, 0.3692, 0.3092
Android (android.graphics.Color)	4294814911 (0xFFFDACBF)
YUV	198.3850, -3.6408, 47.8974
Hunter-Lab	73.5862, 28.0825, 6.1209

Details

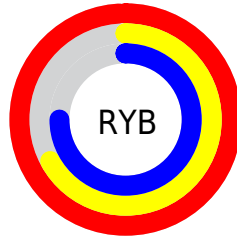
The XYZ color **64.6645, 54.1493, 56.3339** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **66.9922, 84.9630, 90.7148**, and the grayscale version is **53.9155, 56.7234, 61.7717**.

A 20% lighter version of the original color is **85.7719, 83.4622, 99.5848**, and **33.6899, 26.6307, 27.4093** is the 20% darker color. If you saturate the color by 10%, you get **58.3076, 44.6235, 44.3860**, and if you desaturate by 10%, it is **72.2228, 65.6260, 70.0739**.

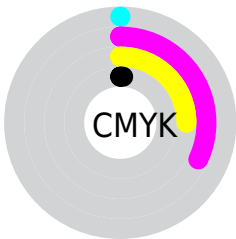
Distribution



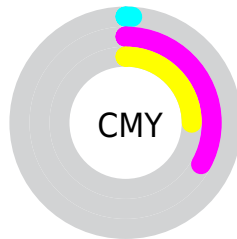
- Red (99%)
- Green (67%)
- Blue (75%)



- Red (99%)
- Yellow (67%)
- Blue (75%)



- Cyan (0%)
- Magenta (32%)
- Yellow (25%)
- Black (1%)



- Cyan (1%)
- Magenta (33%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.6645, 54.1493, 56.3339 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 64.6645, 54.1493, 56.3339 by changing the saturation by 10% instead.


 64.6645, 54.1493,
56.3339

 64.6645, 54.1493,
56.3339


431.1496,
402.6791, 428.3722

 47.4528, 38.7210,
40.0649


 110.6358, 96.2934,
100.9833

 33.6032, 26.5428,
27.2750


140.1260,
123.7781, 130.2007

 22.7504, 17.2301,
17.5456


174.4398,
156.0503, 164.5714

 14.5290, 10.3987,
10.4582

213.9426,
193.4945, 204.5139

 8.5736, 5.6641,
5.5942

258.9995,
236.4951, 250.4466

 4.5190, 2.6419,
2.5352

309.9761,

 1.9997, 0.9478,

285.4365, 302.7883

0.8587

367.2377,
340.7030, 361.9573

■ 0.6338, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.6645, 54.1493,
56.3339

■ 64.6645, 54.1493,
56.3339

■ 58.3076, 44.6235,
44.3860

■ 72.2228, 65.6260,
70.0739

■ 53.0845, 36.9322,
34.1517

■ 81.0365, 79.1463,
85.6733

■ 48.9275, 30.9586,
25.5514

■ 91.1615, 94.8059,
103.1999

■ 45.7599, 26.5689,
18.4975

■ 94.3182, 99.6227,
108.8658

■ 43.4939, 23.6095,
12.8939

■ 42.0252, 21.8956,
8.6323

■ 41.3063, 21.2020,
6.0985

Harmonies

Analogous

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



63.3117, 54.1493, 75.4691



64.6645, 54.1493, 56.3339



62.2492, 54.1493, 41.3026

Triad

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



64.6645, 54.1493, 56.3339



44.8625, 54.1493, 34.4942



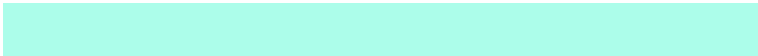
46.3496, 54.1493, 96.5525

Complementary

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



64.6645, 54.1493, 56.3339



66.9922, 84.9630, 90.7148

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.



42.0083, 54.1493, 81.0436



64.6645, 54.1493, 56.3339



41.2007, 54.1493, 45.0522

Square

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



64.6645, 54.1493, 56.3339



50.5422, 54.1493, 30.4545



40.2002, 54.1493, 61.6652



52.4036, 54.1493, 101.2833

Rectangle

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



64.6645, 54.1493, 56.3339



58.9353, 54.1493, 34.8094



40.2002, 54.1493, 61.6652



44.6584, 54.1493, 92.2896

Sweetspot

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



64.6660, 54.1519, 56.3350



84.4628, 83.6017, 90.6466



66.0068, 53.8813, 99.8500



17.7834, 17.4391, 18.8873



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.



64.6660, 54.1519, 56.3350



61.8065, 49.0769, 49.8372



66.8608, 61.6728, 47.4131



18.1839, 18.0569, 19.5856



22.0196, 11.2971, 3.4877



2.1840, 1.1160, 0.5504

Inverse Universe

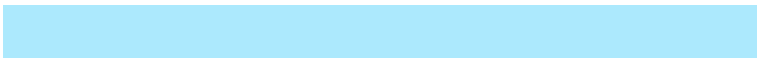
The Inverse Universe completely reimagines the original color for something new.



64.6660, 54.1519, 56.3350



61.8065, 49.0769, 49.8372



63.8131, 74.0007, 103.8491



18.1839, 18.0569, 19.5856



22.0196, 11.2971, 3.4877



2.1840, 1.1160, 0.5504

Previews

White Background



This preview shows how the XYZ color 64.6645, 54.1493, 56.3339 looks on a white background.

Color Contrast Check

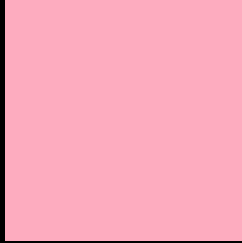
Large Text (above 18pt) WCAG AA × Fail

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 64.6645, 54.1493, 56.3339 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 64.6645, 54.1493, 56.3339

Background



This preview shows how black text looks on a background with the XYZ color 64.6645, 54.1493, 56.3339.



This preview shows how white text looks on a background with the XYZ color 64.6645, 54.1493,

56.3339.

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

64.6645, 54.1493, 56.3339

Protanopia

52.9558, 54.6790, 64.8898

Deuteranopia

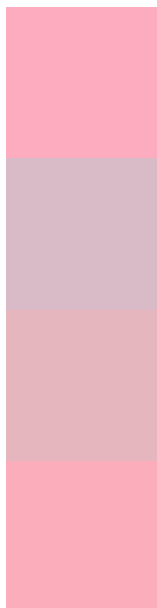
55.3792, 54.1962, 55.1191



Tritanopia

63.9514, 54.1278, 53.5315

Trichromacy



Original Color

64.6645, 54.1493, 56.3339

Protanomaly

56.4830, 53.9930, 61.4776

Deuteranomaly

58.2264, 53.7880, 55.4574

Tritanomaly

64.1656, 54.2134, 54.6593

Monochromacy



Original Color

64.6645, 54.1493, 56.3339

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

56.9614, 55.2407, 59.2901

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.6645, 54.1493, 56.3339 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(253, 172, 191)` looks like.

```
.text, #text, p{  
    color:rgb(253, 172, 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(253, 172, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 172, 191) }
```

Border

The CSS property to change the border of an element to XYZ 64.6645, 54.1493, 56.3339 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(253, 172, 191) }
```


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

```
.border{ border-color:rgb(253, 172, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 172, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 172, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 172, 191);  
box-shadow:4px 4px 4px 4px rgb(253, 172,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 64.6645, 54.1493, 56.3339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 172, 191) }
```

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

```
.background{ background-color: rgb(253,  
172, 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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