

# Converting Colors

XYZ(65.3695, 54.9542, 54.8764)

Have a look what the booklet for  
XYZ(65.3695, 54.9542, 54.8764)  
contains.

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# Color

**XYZ(65.2607, 54.7780,  
54.7105)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFADBC
RGB	255, 173, 188
RGB Percent	100%, 68%, 74%
CMY	0.0000, 0.3215, 0.2627
CMYK	0.00, 0.32, 0.26, 0.00
HSL	349°, 100%, 84%
HSV	349°, 32%, 100%
XYZ	65.2607, 54.7780, 54.7105
YIQ	199.2280, 44.0570, 22.0490

# Conversions

## Conversions Part 2

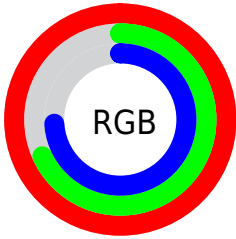
Format	Color
R <sub>Y</sub> B	255, 173, 188
Decimal	16756156
CIE Lab	78.91, 32.00, 4.64
CIE LCh	79, 32.330, 8.256
Yxy	54.7780, 0.3735, 0.3135
Android (android.graphics.Color)	4294946236 (0xFFFFADBC)
YUV	199.2280, -5.5354, 48.9120
Hunter-Lab	74.0122, 27.8722, 7.9808

# Details

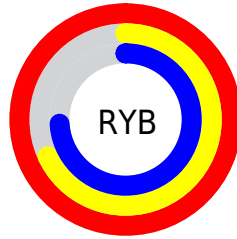
The XYZ color **65.2607, 54.7780, 54.7105** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **68.7240, 86.6966, 95.5542**, and the grayscale version is **54.4408, 57.2760, 62.3736**.

A 20% lighter version of the original color is **85.5884, 83.8303, 97.2578**, and **34.1156, 27.0525, 26.3452** is the 20% darker color. If you saturate the color by 10%, you get **58.7429, 45.0814, 42.2445**, and if you desaturate by 10%, it is **73.0386, 66.4755, 69.1978**.

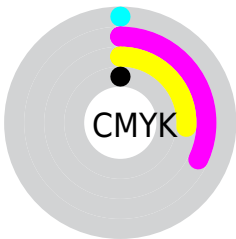
# Distribution



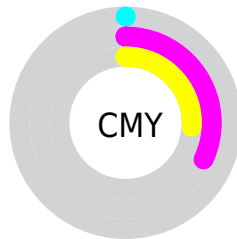
- Red (100%)
- Green (68%)
- Blue (74%)



- Red (100%)
- Yellow (68%)
- Blue (74%)



- Cyan (0%)
- Magenta (32%)
- Yellow (26%)
- Black (0%)



- Cyan (0%)
- Magenta (32%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 65.2607, 54.7780, 54.7105 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 65.2607, 54.7780, 54.7105 by changing the saturation by 10% instead.



65.2607, 54.7780,  
54.7105

65.2607, 54.7780,  
54.7105

433.2586,  
405.0699, 422.0646

47.9380, 39.2240,  
38.7730

111.4882, 97.2156,  
98.5836

33.9888, 26.9340,  
26.2767

141.1237,  
124.8680, 127.3561

23.0479, 17.5237,  
16.8031

175.5942,  
157.3220, 161.2442

14.7497, 10.6086,  
9.9337

215.2650,  
194.9620, 200.6661

8.7291, 5.8043,  
5.2500

260.5015,  
238.1724, 246.0406

4.6206, 2.7264,  
2.3334

311.6690,

2.0589, 0.9906,

287.3376, 297.7862

0.7498

369.1330,  
342.8419, 356.3213

■ 0.6667, 0.0000,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 65.2607, 54.7780,  
54.7105

■ 65.2607, 54.7780,  
54.7105

■ 58.7429, 45.0814,  
42.2445

■ 73.0386, 66.4755,  
69.1978

■ 53.4142, 37.2662,  
31.7059

■ 82.1346, 80.2697,  
85.7881

■ 49.2024, 31.2117,  
22.9982

■ 92.6080, 96.2591,  
104.5621

■ 46.0257, 26.7801,  
16.0149

■ 95.0500, 100.0000,  
108.9000

■ 43.7909, 23.8129,  
10.6384

■ 42.3869, 22.1192,  
6.7353

■ 41.7457, 21.4623,  
4.5931

# Harmonies

## Analogous

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



64.3923, 54.7780, 73.7221



65.2607, 54.7780, 54.7105



62.3716, 54.7780, 40.3240

# Triad

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



65.2607, 54.7780, 54.7105



44.7900, 54.7780, 35.9683



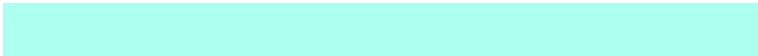
47.6246, 54.7780, 98.8737

# Complementary

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



65.2607, 54.7780, 54.7105



68.7240, 86.6966, 95.5542

# 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.



42.9611, 54.7780, 84.3189



65.2607, 54.7780, 54.7105



41.4206, 54.7780, 47.4828

# Square

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



65.2607, 54.7780, 54.7105



50.3125, 54.7780, 31.0537



40.7797, 54.7780, 64.8654



53.8575, 54.7780, 101.9144



# Rectangle

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



65.2607, 54.7780, 54.7105



58.8329, 54.7780, 34.3494



40.7797, 54.7780, 64.8654



45.8368, 54.7780, 95.0402

# Sweetspot

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



65.2620, 54.7805, 54.7116



84.2726, 83.5256, 89.6454



68.9191, 55.6293, 101.7128



17.7377, 17.4208, 18.6467



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.



65.2620, 54.7805, 54.7116



60.6675, 47.9319, 45.9644



69.2002, 65.1109, 48.4589



18.1450, 18.0413, 19.3808



21.8518, 11.2300, 2.6041



2.1624, 1.1073, 0.4367



# Inverse Universe

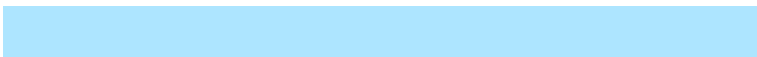
The Inverse Universe completely reimagines the original color for something new.



65.2620, 54.7805, 54.7116



60.6675, 47.9319, 45.9644



63.3141, 72.1632, 105.1996



18.1450, 18.0413, 19.3808



21.8518, 11.2300, 2.6041



2.1624, 1.1073, 0.4367



# Previews

## White Background



This preview shows how the XYZ color 65.2607, 54.7780, 54.7105 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

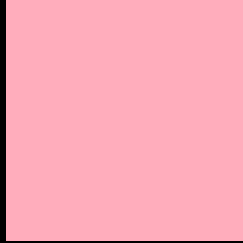
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 65.2607, 54.7780, 54.7105 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

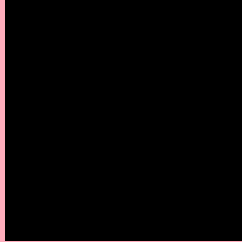
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 65.2607, 54.7780, 54.7105

## Background



This preview shows how black text looks on a background with the XYZ color 65.2607, 54.7780, 54.7105.



This preview shows how white text looks on a background with the XYZ color 65.2607, 54.7780,



# 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

65.2607, 54.7780, 54.7105

### Protanopia

53.2291, 55.2061, 62.4939

### Deuteranopia

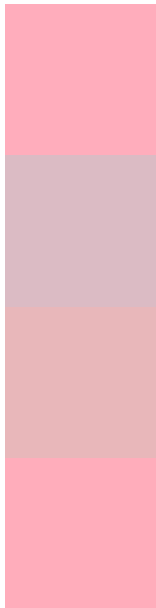
56.1680, 54.9580, 53.5465



## Tritanopia

65.0465, 54.6923, 53.5827

# Trichromacy



## Original Color

65.2607, 54.7780, 54.7105

## Protanomaly

56.9475, 54.5862, 59.7593

## Deuteranomaly

59.0751, 54.5679, 53.8734

## Tritanomaly

65.1532, 54.7350, 54.1447

# Monochromacy



## Original Color

65.2607, 54.7780, 54.7105

## Achromatopsia

54.2854, 57.1125, 62.1955

## Achromatomaly

57.4772, 55.8271, 59.3761

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 65.2607, 54.7780, 54.7105 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(255, 173, 188)` looks like.

```
.text, #text, p{  
    color:rgb(255, 173, 188)  
}
```

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(255, 173, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 173, 188) }
```

## Border

The CSS property to change the border of an element to XYZ 65.2607, 54.7780, 54.7105 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(255, 173, 188) }
```



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

```
.border{ border-color:rgb(255, 173, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 173, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 173, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 173, 188);  
box-shadow:4px 4px 4px 4px rgb(255, 173,  
188) }
```

# Background

The CSS property to change the background color of an element to XYZ 65.2607, 54.7780, 54.7105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 173, 188) }
```

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

```
.background{ background-color: rgb(255,  
173, 188) }
```

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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