

Converting Colors

XYZ(109.1042, 77.4702,
57.1115)

Have a look what the booklet for
XYZ(109.1042, 77.4702, 57.1115)
contains.

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Color

**XYZ(65.3689, 54.8213,
55.2804)**

Conversions

Conversions Part 1

Format	Color
Hex	FFADBD
RGB	255, 173, 189
RGB Percent	100%, 68%, 74%
CMY	0.0000, 0.3215, 0.2588
CMYK	0.00, 0.32, 0.26, 0.00
HSL	348°, 100%, 84%
HSV	348°, 32%, 100%
XYZ	65.3689, 54.8213, 55.2804
YIQ	199.3420, 43.7360, 22.3600

Conversions

Conversions Part 2

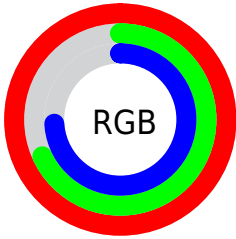
Format	Color
R _Y B	255, 173, 189
Decimal	16756157
CIE Lab	78.94, 32.13, 4.14
CIE LCh	79, 32.396, 7.334
Yxy	54.8213, 0.3725, 0.3124
Android (android.graphics.Color)	4294946237 (0xFFFFADBBD)
YUV	199.3420, -5.0986, 48.8121
Hunter-Lab	74.0414, 28.0197, 7.5622

Details

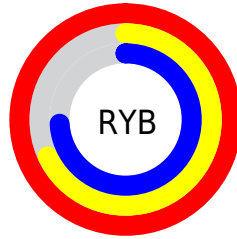
The XYZ color **65.3689, 54.8213, 55.2804** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **68.5758, 86.6373, 94.7738**, and the grayscale version is **54.5083, 57.3470, 62.4508**.

A 20% lighter version of the original color is **85.7407, 83.8912, 98.0598**, and **34.1864, 27.0808, 26.7179** is the 20% darker color. If you saturate the color by 10%, you get **58.8649, 45.1302, 42.8870**, and if you desaturate by 10%, it is **73.1240, 66.5097, 69.6478**.

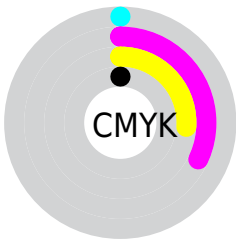
Distribution



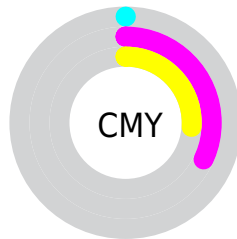
- Red (100%)
- Green (68%)
- Blue (74%)



- 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 65.3689, 54.8213, 55.2804 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 65.3689, 54.8213, 55.2804 by changing the saturation by 10% instead.


 65.3689, 54.8213,
55.2804

 65.3689, 54.8213,
55.2804


433.6407,
405.2342, 424.2858

 48.0261, 39.2587,
39.2261


 111.6428, 97.2791,
99.4269

 34.0589, 26.9610,
26.6265


141.3046,
124.9430, 128.3563

 23.1019, 17.5439,
17.0630


175.8035,
157.4095, 162.4144

 14.7899, 10.6231,
10.1170

215.5047,
195.0630, 202.0199

 8.7574, 5.8140,
5.3700

260.7737,
238.2878, 247.5912

 4.6391, 2.7323,
2.4034


311.9758,

 2.0697, 0.9936,


287.4683, 299.5470


0.7883


369.4764,
342.9890, 358.3057


 0.6727, 0.0000,
0.0000

 0.0000, 0.0000,
0.0000


 65.3689, 54.8213,
55.2804


 65.3689, 54.8213,
55.2804


 58.8649, 45.1302,
42.8870


 73.1240, 66.5097,
69.6478

 53.5417, 37.3172,
32.3772

 82.1877, 80.2909,
86.0675

 49.3277, 31.2619,
23.6583

 92.6186, 96.2634,
104.6177

 46.1422, 26.8267,
16.6281

95.0500, 100.0000,
108.9000

■ 43.8926, 23.8536,
11.1739

■ 42.4691, 22.1521,
7.1681

■ 41.8102, 21.4881,
4.9327

Harmonies

Analogous

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



64.3799, 54.8213, 74.4172



65.3689, 54.8213, 55.2804



62.5781, 54.8213, 40.6740

Triad

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



65.3689, 54.8213, 55.2804



44.9556, 54.8213, 35.7129



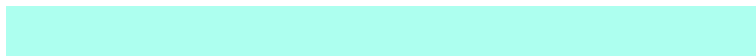
47.4811, 54.8213, 98.7317

Complementary

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



65.3689, 54.8213, 55.2804



68.5758, 86.6373, 94.7738

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.



42.8727, 54.8213, 83.8679



65.3689, 54.8213, 55.2804



41.5005, 54.8213, 47.0484

Square

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



65.3689, 54.8213, 55.2804



50.5423, 54.8213, 30.9881



40.7706, 54.8213, 64.3303



53.7017, 54.8213, 102.1944

Rectangle

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



65.3689, 54.8213, 55.2804



59.0749, 54.8213, 34.5503



40.7706, 54.8213, 64.3303



45.7079, 54.8213, 94.7738

Sweetspot

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



65.3703, 54.8238, 55.2815



84.3174, 83.5435, 89.8812



68.4570, 55.3910, 101.6912



17.7485, 17.4251, 18.7033



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.



65.3703, 54.8238, 55.2815



60.7860, 47.9794, 46.5889



68.8873, 64.4850, 48.3546



18.1542, 18.0450, 19.4290



21.8876, 11.2443, 2.7925



2.1672, 1.1092, 0.4619

Inverse Universe

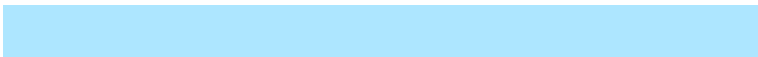
The Inverse Universe completely reimagines the original color for something new.



65.3703, 54.8238, 55.2815



60.7860, 47.9794, 46.5889



63.6938, 72.9226, 105.3262



18.1542, 18.0450, 19.4290



21.8876, 11.2443, 2.7925



2.1672, 1.1092, 0.4619

Previews

White Background



This preview shows how the XYZ color 65.3689, 54.8213, 55.2804 looks on a white background.

Color Contrast Check

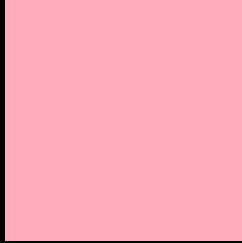
Large Text (above 18pt) WCAG AA × Fail

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 65.3689, 54.8213, 55.2804 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 65.3689, 54.8213, 55.2804

Background



This preview shows how black text looks on a background with the XYZ color 65.3689, 54.8213, 55.2804.



This preview shows how white text looks on a background with the XYZ color 65.3689, 54.8213,

55.2804.

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

65.3689, 54.8213, 55.2804

Protanopia

53.3464, 55.2530, 63.1116

Deuteranopia

55.9740, 54.8458, 54.0905



Tritanopia

65.1532, 54.7350, 54.1447

Trichromacy



Original Color

65.3689, 54.8213, 55.2804

Protanomaly

57.0618, 54.6319, 60.3609

Deuteranomaly

58.8581, 54.4438, 54.4202

Tritanomaly

65.2607, 54.7780, 54.7105

Monochromacy



Original Color

65.3689, 54.8213, 55.2804

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 65.3689, 54.8213, 55.2804 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, 189)` looks like.

```
.text, #text, p{  
    color:rgb(255, 173, 189)  
}
```

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, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 173, 189) }
```

Border

The CSS property to change the border of an element to XYZ 65.3689, 54.8213, 55.2804 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, 189) }
```


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

```
.border{ border-color:rgb(255, 173, 189) }
```

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, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 173, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 173, 189);  
box-shadow:4px 4px 4px 4px rgb(255, 173,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 65.3689, 54.8213, 55.2804 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, 189) }
```

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

```
.background{ background-color: rgb(255,  
173, 189) }
```

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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