

Converting Colors

XYZ(65.2069, 54.1474, 56.3049)

Have a look what the booklet for
XYZ(65.2069, 54.1474, 56.3049)
contains.

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Color

**XYZ(65.2069, 54.1474,
56.3049)**

Conversions

Conversions Part 1

Format	Color
Hex	FFABBF
RGB	255, 171, 191
RGB Percent	100%, 67%, 75%
CMY	0.0000, 0.3294, 0.2510
CMYK	0.00, 0.33, 0.25, 0.00
HSL	346°, 100%, 84%
HSV	346°, 33%, 100%
XYZ	65.2069, 54.1474, 56.3049
YIQ	198.3960, 43.6440, 24.0280

Conversions

Conversions Part 2

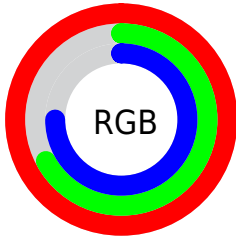
Format	Color
R_{YB}	255, 171, 191
Decimal	16755647
CIE _{Lab}	78.55, 33.45, 2.48
CIE _{LCh}	79, 33.542, 4.244
Yxy	54.1474, 0.3712, 0.3083
Android (android.graphics.Color)	4294945727 (0xFFFFABBF)
YUV	198.3960, -3.6462, 49.6417
Hunter-Lab	73.5849, 29.4033, 6.1426

Details

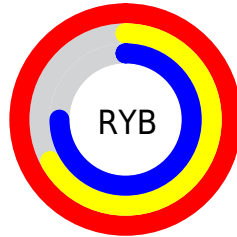
The XYZ color **65.2069, 54.1474, 56.3049** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **67.5521, 86.1771, 91.6747**, and the grayscale version is **53.9215, 56.7297, 61.7786**.

A 20% lighter version of the original color is **85.4976, 82.9136, 99.4934**, and **34.0918, 26.6622, 27.3942** is the 20% darker color. If you saturate the color by 10%, you get **58.8482, 44.6280, 44.3267**, and if you desaturate by 10%, it is **72.7810, 65.6433, 70.0890**.

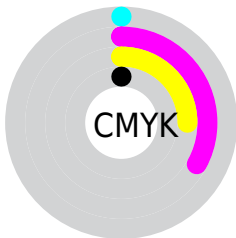
Distribution



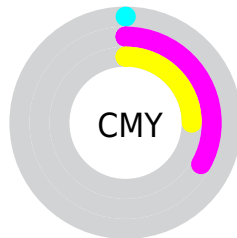
- Red (100%)
- Green (67%)
- Blue (75%)



- 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 65.2069, 54.1474, 56.3049 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 65.2069, 54.1474, 56.3049 by changing the saturation by 10% instead.


 65.2069, 54.1474,
56.3049

 65.2069, 54.1474,
56.3049


433.0686,
402.6718, 428.2601

 47.8942, 38.7195,
40.0418


 111.4113, 96.2906,
100.9405

 33.9540, 26.5416,
27.2571


141.0337,
123.7748, 130.1500

 23.0210, 17.2293,
17.5323


175.4901,
156.0465, 164.5121

 14.7298, 10.3981,
10.4488

215.1458,
193.4901, 204.4454

 8.7150, 5.6637,
5.5880

260.3661,
236.4900, 250.3682

 4.6114, 2.6417,
2.5315


311.5164,

 2.0535, 0.9477,


285.4307, 302.6993


0.8568


368.9621,
340.6965, 361.8570


 0.6637, 0.0000,
0.0000


 0.0000, 0.0000,
0.0000


 65.2069, 54.1474,
56.3049


 65.2069, 54.1474,
56.3049


 58.8482, 44.6280,
44.3267


 72.7810, 65.6433,
70.0890

 53.6363, 36.9661,
34.0749

 81.6263, 79.2113,
85.7474

 49.5016, 31.0413,
25.4687

 91.8000, 94.9493,
103.3487

 46.3651, 26.7156,
18.4192

95.0500, 100.0000,
108.9000

■ 44.1362, 23.8303,
12.8285

■ 42.7067, 22.1930,
8.5863

■ 42.0743, 21.5937,
6.3235

Harmonies

Analogous

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



63.7800, 54.1474, 76.2280



65.2069, 54.1474, 56.3049



62.7012, 54.1474, 40.7577

Triad

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



65.2069, 54.1474, 56.3049



44.6408, 54.1474, 33.6996



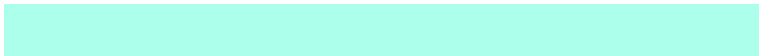
46.1386, 54.1474, 98.1851

Complementary

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



65.2069, 54.1474, 56.3049



67.5521, 86.1771, 91.6747

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.



41.6592, 54.1474, 81.8994



65.2069, 54.1474, 56.3049



40.8478, 54.1474, 44.5146

Square

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



65.2069, 54.1474, 56.3049



50.5308, 54.1474, 29.6015



39.8044, 54.1474, 61.6917



52.4116, 54.1474, 103.2081

Rectangle

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



65.2069, 54.1474, 56.3049



59.2539, 54.1474, 34.0805



39.8044, 54.1474, 61.6917



44.3913, 54.1474, 93.6973

Sweetspot

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



65.2082, 54.1499, 56.3060



84.4758, 83.6069, 90.7153



66.5463, 53.8409, 101.4927



17.7865, 17.4403, 18.9038



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.



65.2082, 54.1499, 56.3060



60.5951, 47.2280, 47.6643



67.4420, 61.9019, 46.9249



18.1866, 18.0579, 19.5997



22.0327, 11.3024, 3.5565



2.1856, 1.1166, 0.5589

Inverse Universe

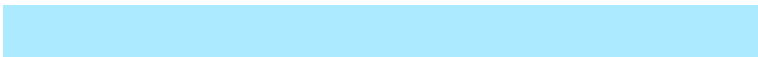
The Inverse Universe completely reimagines the original color for something new.



65.2082, 54.1499, 56.3060



60.5951, 47.2280, 47.6643



64.2692, 74.7252, 105.6438



18.1866, 18.0579, 19.5997



22.0327, 11.3024, 3.5565



2.1856, 1.1166, 0.5589

Previews

White Background



This preview shows how the XYZ color 65.2069, 54.1474, 56.3049 looks on a white background.

Color Contrast Check

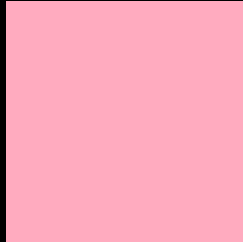
Large Text (above 18pt) WCAG AA × Fail

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 65.2069, 54.1474, 56.3049 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 65.2069, 54.1474, 56.3049

Background



This preview shows how black text looks on a background with the XYZ color 65.2069, 54.1474, 56.3049.



This preview shows how white text looks on a background with the XYZ color 65.2069, 54.1474, 56.3049.

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

65.2069, 54.1474, 56.3049

Protanopia

52.9558, 54.6790, 64.8898

Deuteranopia

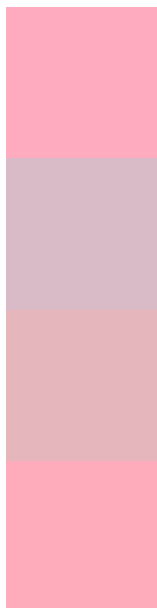
55.3792, 54.1962, 55.1191



Tritanopia

64.3825, 54.0787, 52.9438

Trichromacy



Original Color

65.2069, 54.1474, 56.3049

Protanomaly

56.4830, 53.9930, 61.4776

Deuteranomaly

58.5464, 53.9530, 55.4724

Tritanomaly

64.5952, 54.1637, 54.0638

Monochromacy



Original Color

65.2069, 54.1474, 56.3049

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

57.0470, 54.9666, 59.2327

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.2069, 54.1474, 56.3049 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, 171, 191)` looks like.

```
.text, #text, p{  
    color:rgb(255, 171, 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(255, 171, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 171, 191) }
```

Border

The CSS property to change the border of an element to XYZ 65.2069, 54.1474, 56.3049 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, 171, 191) }
```


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

```
.border{ border-color:rgb(255, 171, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 171, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 171, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 171, 191);  
box-shadow:4px 4px 4px 4px rgb(255, 171,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 65.2069, 54.1474, 56.3049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 171, 191) }
```

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

```
.background{ background-color: rgb(255,  
171, 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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