

Converting Colors

XYZ(69.6325, 56.8881, 65.9323)

Have a look what the booklet for
XYZ(69.6325, 56.8881, 65.9323)
contains.

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Color

**XYZ(67.3241, 55.6034,
65.5767)**

Conversions

Conversions Part 1

Format	Color
Hex	FFADCE
RGB	255, 173, 206
RGB Percent	100%, 68%, 81%
CMY	0.0000, 0.3215, 0.1922
CMYK	0.00, 0.32, 0.19, 0.00
HSL	336°, 100%, 84%
HSV	336°, 32%, 100%
XYZ	67.3241, 55.6034, 65.5767
YIQ	201.2800, 38.2790, 27.6470

Conversions

Conversions Part 2

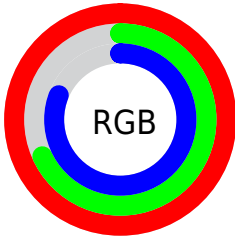
Format	Color
R_{YB}	255, 173, 206
Decimal	16756174
CIE Lab	79.39, 34.55, -4.44
CIE LCh	79, 34.835, 352.682
Yxy	55.6034, 0.3571, 0.2950
Android (android.graphics.Color)	4294946254 (0xFFFFADCE)
YUV	201.2800, 2.3270, 47.1124
Hunter-Lab	74.5677, 30.6669, 0.0563

Details

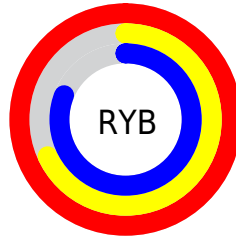
The XYZ color **67.3241, 55.6034, 65.5767** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **66.1805, 85.6792, 82.1606**, and the grayscale version is **55.6617, 58.5605, 63.7723**.

A 20% lighter version of the original color is **87.3093, 84.5186, 106.3198**, and **35.4099, 27.5703, 33.1610** is the 20% darker color. If you saturate the color by 10%, you get **61.1305, 46.0364, 54.8173**, and if you desaturate by 10%, it is **74.6332, 67.1133, 77.5948**.

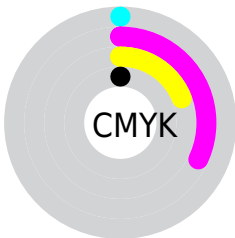
Distribution



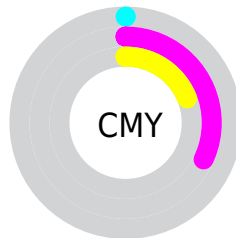
- Red (100%)
- Green (68%)
- Blue (81%)



- Red (100%)
- Yellow (68%)
- Blue (81%)



- Cyan (0%)
- Magenta (32%)
- Yellow (19%)
- Black (0%)





- Cyan (0%)
- Magenta (32%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.3241, 55.6034, 65.5767 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 67.3241, 55.6034, 65.5767 by changing the saturation by 10% instead.


 67.3241, 55.6034,
65.5767

 67.3241, 55.6034,
65.5767


440.5119,
408.1952, 463.2243

 49.6197, 39.8850,
47.4745


 114.4319, 98.4245,
114.4998

 35.3279, 27.4489,
33.0539


144.5661,
126.2960, 146.1578

 24.0833, 17.9107,
21.8963


179.5742,
158.9873, 183.1715

 15.5205, 10.8859,
13.5831

219.8217,
196.8828, 225.9594

 9.2742, 5.9901,
7.6959

265.6738,
240.3670, 274.9401

 4.9790, 2.8391,
3.8160


317.4960,

 2.2696, 1.0483,


289.8242, 330.5321


1.5250

375.6536,
345.6388, 393.1540


 0.7790, 0.0000,
0.2364


 0.0000, 0.0000,
0.0000


 67.3241, 55.6034,
65.5767


 67.3241, 55.6034,
65.5767


 61.1305, 46.0364,
54.8173


 74.6332, 67.1133,
77.5948

 55.9898, 38.2964,
45.2687

 83.1073, 80.6588,
90.9103

 51.8394, 32.2665,
36.8845

 92.7983, 96.3352,
105.5641

 48.6081, 27.8131,
29.6134

95.0500, 100.0000,
108.9000

■ 46.2142, 24.7822,
23.3992

■ 44.5600, 22.9885,
18.1786

■ 43.6688, 22.2315,
14.7200

Harmonies

Analogous

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



64.2685, 55.6034, 86.9889



67.3241, 55.6034, 65.5767



66.2378, 55.6034, 46.8864

Triad

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



67.3241, 55.6034, 65.5767



47.8368, 55.6034, 31.5317



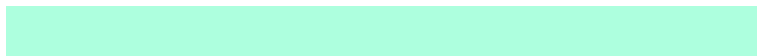
45.1167, 55.6034, 96.5815

Complementary

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



67.3241, 55.6034, 65.5767



66.1805, 85.6792, 82.1606

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.



41.3988, 55.6034, 76.6223



67.3241, 55.6034, 65.5767



42.8699, 55.6034, 40.0863

Square

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



67.3241, 55.6034, 65.5767



54.5791, 55.6034, 29.8398



40.6140, 55.6034, 55.7731



51.1566, 55.6034, 107.2788

Rectangle

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



67.3241, 55.6034, 65.5767



63.3523, 55.6034, 38.0277



40.6140, 55.6034, 55.7731



43.5765, 55.6034, 90.5477

Sweetspot

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



67.3255, 55.6059, 65.5778



85.0906, 83.8528, 93.9528



62.7637, 52.4560, 101.4248



17.9346, 17.4995, 19.6834



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.



67.3255, 55.6059, 65.5778



62.9679, 48.8521, 58.0785



65.0723, 56.8550, 47.0829



18.3122, 18.1082, 20.2614



22.8869, 11.6441, 8.0551



2.2807, 1.1547, 1.0598

Inverse Universe

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



67.3255, 55.6059, 65.5778



62.9679, 48.8521, 58.0785



68.9038, 83.3426, 107.0629



18.3122, 18.1082, 20.2614



22.8869, 11.6441, 8.0551



2.2807, 1.1547, 1.0598

Previews

White Background



This preview shows how the XYZ color 67.3241, 55.6034, 65.5767 looks on a white background.

Color Contrast Check

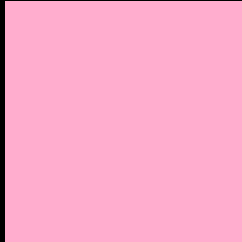
Large Text (above 18pt) WCAG AA × Fail

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 67.3241, 55.6034, 65.5767 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 67.3241, 55.6034, 65.5767

Background



This preview shows how black text looks on a background with the XYZ color 67.3241, 55.6034, 65.5767.



This preview shows how white text looks on a background with the XYZ color 67.3241, 55.6034,

65.5767.

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

67.3241, 55.6034, 65.5767

Protanopia

54.9063, 56.1165, 75.6478

Deuteranopia

57.1418, 55.8695, 64.2721



Tritanopia

65.2187, 55.6074, 55.4400

Trichromacy



Original Color

67.3241, 55.6034, 65.5767



Protanomaly

58.5679, 55.4717, 71.9102



Deuteranomaly

60.3527, 55.2986, 64.6195



Tritanomaly

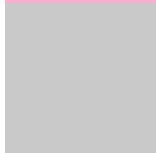
66.0533, 55.6709, 58.8939

Monochromacy



Original Color

67.3241, 55.6034, 65.5767



Achromatopsia

55.5167, 58.4078, 63.6061



Achromatomaly

59.2291, 56.9456, 64.3698

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.3241, 55.6034, 65.5767 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, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 173, 206)  
}
```

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, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 173, 206) }
```

Border

The CSS property to change the border of an element to XYZ 67.3241, 55.6034, 65.5767 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, 206) }
```


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

```
.border{ border-color:rgb(255, 173, 206) }
```

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, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 173, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 173, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 173,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 67.3241, 55.6034, 65.5767 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, 206) }
```

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

```
.background{ background-color: rgb(255,  
173, 206) }
```

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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