

Converting Colors

XYZ(65.9918, 53.7102, 62.7543)

Have a look what the booklet for
XYZ(65.9918, 53.7102, 62.7543)
contains.

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Color

**XYZ(65.9033, 53.5295,
62.7359)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA8CA
RGB	255, 168, 202
RGB Percent	100%, 66%, 79%
CMY	0.0000, 0.3412, 0.2078
CMYK	0.00, 0.34, 0.21, 0.00
HSL	337°, 100%, 83%
HSV	337°, 34%, 100%
XYZ	65.9033, 53.5295, 62.7359
YIQ	197.8890, 40.9380, 29.0180

Conversions

Conversions Part 2

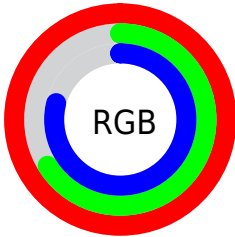
Format	Color
R_{YB}	255, 168, 202
Decimal	16754890
CIE _{Lab}	78.19, 36.57, -4.03
CIE _{LCh}	78, 36.792, 353.707
Yxy	53.5295, 0.3618, 0.2938
Android (android.graphics.Color)	4294944970 (0xFFFFA8CA)
YUV	197.8890, 2.0267, 50.0863
Hunter-Lab	73.1639, 32.7495, 0.3752

Details

The XYZ color **65.9033, 53.5295, 62.7359** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **64.9616, 85.0662, 81.4058**, and the grayscale version is **53.5810, 56.3714, 61.3884**.

A 20% lighter version of the original color is **85.9457, 81.7913, 105.8652**, and **34.5020, 26.2699, 31.2691** is the 20% darker color. If you saturate the color by 10%, you get **59.9010, 44.3220, 52.1124**, and if you desaturate by 10%, it is **73.0164, 64.6619, 74.6447**.

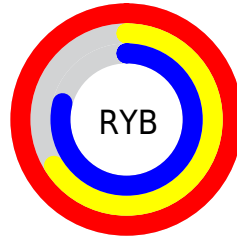
Distribution



Red (100%)

Green (66%)

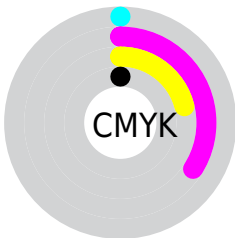
Blue (79%)



Red (100%)

Yellow (66%)

Blue (79%)

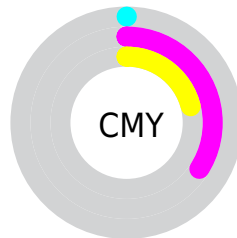


Cyan (0%)

Magenta (34%)

Yellow (21%)

Black (0%)



Cyan (0%)


Magenta (34%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.9033, 53.5295, 62.7359 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 65.9033, 53.5295, 62.7359 by changing the saturation by 10% instead.

 65.9033, 53.5295,
62.7359


 65.9033, 53.5295,
62.7359


435.5251,
400.3133, 452.6919

 48.4613, 38.2256,
45.1880


 112.4060, 95.3831,
110.3703

 34.4051, 26.1579,
31.2615


 142.1975,
122.7016, 141.2938

 23.3694, 16.9418,
20.5379


176.8362,
154.7937, 177.5130

 14.9887, 10.1930,
12.5987

216.6874,
192.0439, 219.4463

 8.8977, 5.5271,
7.0253

262.1165,
234.8366, 267.5123

 4.7311, 2.5597,
3.3993


313.4890,

 2.1235, 0.9065,


283.5561, 322.1296


1.3019


371.1700,
338.5869, 383.7166


 0.7019, 0.0000,
0.0634


 0.0000, 0.0000,
0.0000


 65.9033, 53.5295,
62.7359


 65.9033, 53.5295,
62.7359


 59.9010, 44.3220,
52.1124


 73.0164, 64.6619,
74.6447

 54.9461, 36.9217,
42.7240

 81.2914, 77.8136,
87.8795

 50.9742, 31.2089,
34.5220

 90.7808, 93.0815,
102.4833

 47.9119, 27.0465,
27.4522

95.0500, 100.0000,
108.9000

■ 45.6746, 24.2754,
21.4550

■ 44.1599, 22.7014,
16.4630

■ 43.5232, 22.1733,
13.9533

Harmonies

Analogous

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



62.8615, 53.5295, 85.0193



65.9033, 53.5295, 62.7359



64.6237, 53.5295, 43.7636

Triad

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



65.9033, 53.5295, 62.7359



45.5169, 53.5295, 29.0160



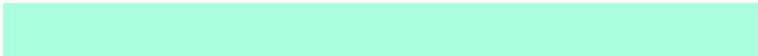
43.1217, 53.5295, 96.4006

Complementary

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



65.9033, 53.5295, 62.7359



64.9616, 85.0662, 81.4058

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.



39.2346, 53.5295, 75.7072



65.9033, 53.5295, 62.7359



40.5236, 53.5295, 37.8393

Square

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



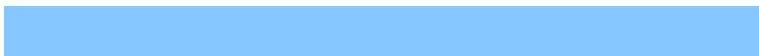
65.9033, 53.5295, 62.7359



52.4096, 53.5295, 27.1094



38.3302, 53.5295, 54.0489



49.3769, 53.5295, 107.1952

Rectangle

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



65.9033, 53.5295, 62.7359



61.5471, 53.5295, 34.9729



38.3302, 53.5295, 54.0489



41.5195, 53.5295, 90.1667

Sweetspot

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



65.9046, 53.5319, 62.7370



85.0466, 83.8352, 93.7212



61.6303, 50.4748, 101.1021



17.9240, 17.4953, 19.6276



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.



65.9046, 53.5319, 62.7370



61.6559, 46.9916, 55.2873



63.9725, 55.4155, 44.3734



18.3033, 18.1046, 20.2141



22.8098, 11.6132, 7.6486



2.2726, 1.1514, 1.0172

Inverse Universe

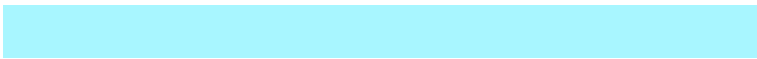
The Inverse Universe completely reimagines the original color for something new.



65.9046, 53.5319, 62.7370



61.6559, 46.9916, 55.2873



67.2471, 81.6401, 106.8216



18.3033, 18.1046, 20.2141



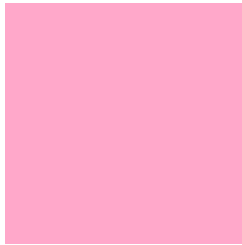
22.8098, 11.6132, 7.6486



2.2726, 1.1514, 1.0172

Previews

White Background



This preview shows how the XYZ color 65.9033, 53.5295, 62.7359 looks on a white background.

Color Contrast Check

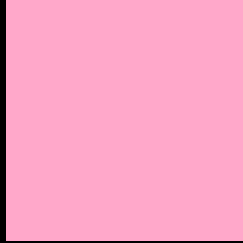
Large Text (above 18pt) WCAG AA × Fail

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 65.9033, 53.5295, 62.7359 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 65.9033, 53.5295, 62.7359

Background



This preview shows how black text looks on a background with the XYZ color 65.9033, 53.5295, 62.7359.



This preview shows how white text looks on a background with the XYZ color 65.9033, 53.5295,

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

65.9033, 53.5295, 62.7359

Protanopia

52.6092, 53.6562, 73.2295

Deuteranopia

54.7546, 53.7453, 60.9141



Tritanopia

63.7227, 53.4692, 52.3094

Trichromacy



Original Color

65.9033, 53.5295, 62.7359



Protanomaly

56.5487, 52.9166, 69.5208



Deuteranomaly

58.1967, 53.3400, 61.2612



Tritanomaly

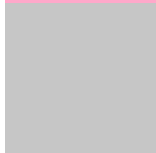
64.6517, 53.5819, 56.2250

Monochromacy



Original Color

65.9033, 53.5295, 62.7359



Achromatopsia

53.6758, 56.4712, 61.4971



Achromatomaly

57.2925, 54.7242, 61.5760

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.9033, 53.5295, 62.7359 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, 168, 202)` looks like.

```
.text, #text, p{  
    color:rgb(255, 168, 202)  
}
```

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, 168, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 168, 202) }
```

Border

The CSS property to change the border of an element to XYZ 65.9033, 53.5295, 62.7359 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, 168, 202) }
```


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

```
.border{ border-color:rgb(255, 168, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 168, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 168, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 168, 202);  
box-shadow:4px 4px 4px 4px rgb(255, 168,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 65.9033, 53.5295, 62.7359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 168, 202) }
```

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

```
.background{ background-color: rgb(255,  
168, 202) }
```

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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