

Converting Colors

XYZ(67.2455, 56.4871, 62.3413)

Have a look what the booklet for
XYZ(67.2455, 56.4871, 62.3413)
contains.

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Color

**XYZ(67.3079, 56.5277,
62.6218)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB0C9
RGB	255, 176, 201
RGB Percent	100%, 69%, 79%
CMY	0.0000, 0.3098, 0.2118
CMYK	0.00, 0.31, 0.21, 0.00
HSL	341°, 100%, 85%
HSV	341°, 31%, 100%
XYZ	67.3079, 56.5277, 62.6218
YIQ	202.4710, 39.0590, 24.5230

Conversions

Conversions Part 2

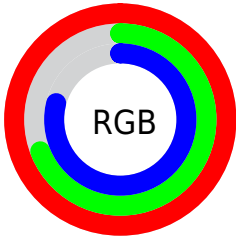
Format	Color
R _Y B	255, 176, 201
Decimal	16756937
CIE Lab	79.91, 32.25, -0.96
CIE LCh	80, 32.264, 358.303
Yxy	56.5277, 0.3610, 0.3032
Android (android.graphics.Color)	4294947017 (0xFFFFB0C9)
YUV	202.4710, -0.7252, 46.0679
Hunter-Lab	75.1849, 28.2252, 3.2466

Details

The XYZ color **67.3079, 56.5277, 62.6218** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **67.9496, 86.4643, 87.9746**, and the grayscale version is **56.4218, 59.3601, 64.6432**.

A 20% lighter version of the original color is **88.1466, 86.1932, 106.5989**, and **35.3754, 28.1428, 31.1714** is the 20% darker color. If you saturate the color by 10%, you get **60.8340, 46.6773, 50.9147**, and if you desaturate by 10%, it is **74.9565, 68.3544, 75.8699**.

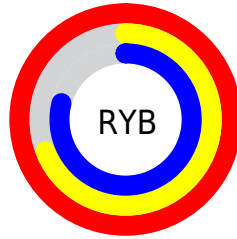
Distribution



Red (100%)

Green (69%)

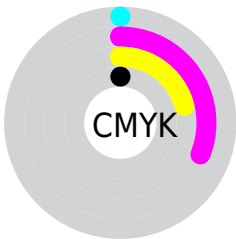
Blue (79%)



Red (100%)

Yellow (69%)

Blue (79%)

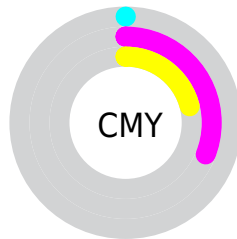


Cyan (0%)

Magenta (31%)

Yellow (21%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.3079, 56.5277, 62.6218 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 67.3079, 56.5277, 62.6218 by changing the saturation by 10% instead.


 67.3079, 56.5277,
62.6218

 67.3079, 56.5277,
62.6218


440.4552,
411.6772, 452.2657

 49.6065, 40.6262,
45.0963


 114.4089, 99.7757,
110.2040

 35.3174, 28.0271,
31.1898


144.5391,
127.8910, 141.0978

 24.0751, 18.3461,
20.4837


179.5431,
160.8463, 177.2847

 15.5144, 11.1987,
12.5596

219.7860,
199.0260, 219.1833

 9.2698, 6.2007,
6.9988

265.6334,
242.8146, 267.2122

 4.9761, 2.9675,
3.3829


317.4504,

 2.2679, 1.1148,


292.5964, 321.7899


1.2933


375.6026,
348.7558, 383.3349

 0.7781, 0.0000,
0.0563

 0.0000, 0.0000,
0.0000


 67.3079, 56.5277,
62.6218


 67.3079, 56.5277,
62.6218

 60.8340, 46.6773,
50.9147


 74.9565, 68.3544,
75.8699

 55.4701, 38.6871,
40.6868

 83.8314, 82.2499,
90.7107

 51.1514, 32.4405,
31.8770

 93.9864, 98.3100,
107.1975

 47.8047, 27.8046,
24.4181

95.0500, 100.0000,
108.9000

■ 45.3462, 24.6269,
18.2366

■ 43.6769, 22.7252,
13.2506

■ 42.7135, 21.8494,
9.6891

Harmonies

Analogous

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



65.1572, 56.5277, 82.4845



67.3079, 56.5277, 62.6218



65.5816, 56.5277, 45.9992

Triad

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



67.3079, 56.5277, 62.6218



47.9815, 56.5277, 34.9669



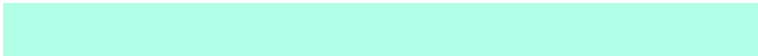
47.3858, 56.5277, 97.5714

Complementary

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



67.3079, 56.5277, 62.6218



67.9496, 86.4643, 87.9746

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.



43.3961, 56.5277, 80.2593



67.3079, 56.5277, 62.6218



43.7199, 56.5277, 44.4945

Square

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



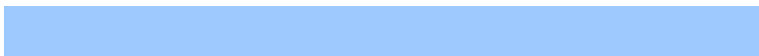
67.3079, 56.5277, 62.6218



54.1012, 56.5277, 32.1052



42.1096, 56.5277, 60.4886



53.3563, 56.5277, 105.0383

Rectangle

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



67.3079, 56.5277, 62.6218



62.5373, 56.5277, 38.3778



42.1096, 56.5277, 60.4886



45.7873, 56.5277, 92.5579

Sweetspot

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



67.3093, 56.5303, 62.6229



85.7368, 85.2518, 93.8395



66.2050, 55.0937, 101.7525



18.0501, 17.7730, 19.5915



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.



67.3093, 56.5303, 62.6229



63.2732, 50.3674, 55.3915



67.5965, 61.4337, 49.3728



18.2462, 18.0818, 19.9134



22.3781, 11.4405, 5.3754



2.2259, 1.1327, 0.7712

Inverse Universe

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



67.3093, 56.5303, 62.6229



63.2732, 50.3674, 55.3915



67.2687, 79.0764, 106.3256



18.2462, 18.0818, 19.9134



22.3781, 11.4405, 5.3754



2.2259, 1.1327, 0.7712

Previews

White Background



This preview shows how the XYZ color 67.3079, 56.5277, 62.6218 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 67.3079, 56.5277, 62.6218 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 67.3079, 56.5277, 62.6218

Background



This preview shows how black text looks on a background with the XYZ color 67.3079, 56.5277, 62.6218.



This preview shows how white text looks on a background with the XYZ color 67.3079, 56.5277,

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

67.3079, 56.5277, 62.6218

Protanopia

55.3926, 56.7933, 71.6610

Deuteranopia

57.9561, 56.6819, 61.3122



Tritanopia

66.1974, 56.6732, 56.7403

Trichromacy



Original Color

67.3079, 56.5277, 62.6218

Protanomaly

58.9196, 56.0587, 68.0366

Deuteranomaly

60.8227, 56.2303, 61.6807

Tritanomaly

66.4455, 56.4552, 59.0247

Monochromacy



Original Color

67.3079, 56.5277, 62.6218

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

59.5494, 57.7763, 63.8905

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.3079, 56.5277, 62.6218 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, 176, 201)` looks like.

```
.text, #text, p{  
    color:rgb(255, 176, 201)  
}
```

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, 176, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 176, 201) }
```

Border

The CSS property to change the border of an element to XYZ 67.3079, 56.5277, 62.6218 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, 176, 201) }
```


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

```
.border{ border-color:rgb(255, 176, 201) }
```

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

Here you see how a box with a 4 pixel rgb(255, 176, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 176, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 176, 201);  
box-shadow:4px 4px 4px 4px rgb(255, 176,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 67.3079, 56.5277, 62.6218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 176, 201) }
```

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

```
.background{ background-color: rgb(255,  
176, 201) }
```

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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