

Converting Colors

XYZ(89.4811, 68.2397, 63.8326)

Have a look what the booklet for
XYZ(89.4811, 68.2397, 63.8326)
contains.

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Color

**XYZ(67.5048, 56.9213,
62.6874)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB1C9
RGB	255, 177, 201
RGB Percent	100%, 69%, 79%
CMY	0.0000, 0.3059, 0.2118
CMYK	0.00, 0.31, 0.21, 0.00
HSL	342°, 100%, 85%
HSV	342°, 31%, 100%
XYZ	67.5048, 56.9213, 62.6874
YIQ	203.0580, 38.7840, 24.0000

Conversions

Conversions Part 2

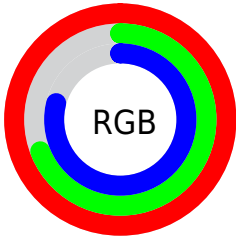
Format	Color
R_{YB}	255, 177, 201
Decimal	16757193
CIE _{Lab}	80.14, 31.73, -0.63
CIE _{LCh}	80, 31.733, 358.862
Yxy	56.9213, 0.3608, 0.3042
Android (android.graphics.Color)	4294947273 (0xFFFFB1C9)
YUV	203.0580, -1.0146, 45.5531
Hunter-Lab	75.4462, 27.6804, 3.5490

Details

The XYZ color **67.5048, 56.9213, 62.6874** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **68.3174, 86.6376, 88.7269**, and the grayscale version is **56.7915, 59.7491, 65.0667**.

A 20% lighter version of the original color is **88.4289, 86.7578, 106.6930**, and **35.5001, 28.3922, 31.2129** is the 20% darker color. If you saturate the color by 10%, you get **60.9716, 46.9898, 50.8454**, and if you desaturate by 10%, it is **75.2204, 68.8353, 76.1027**.

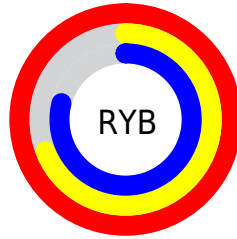
Distribution



Red (100%)

Green (69%)

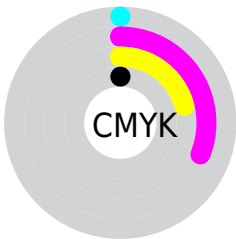
Blue (79%)



Red (100%)

Yellow (69%)

Blue (79%)

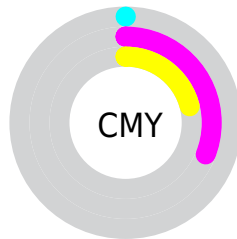


Cyan (0%)

Magenta (31%)

Yellow (21%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.5048, 56.9213, 62.6874 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 67.5048, 56.9213, 62.6874 by changing the saturation by 10% instead.


 67.5048, 56.9213,
62.6874

 67.5048, 56.9213,
62.6874


441.1438,
413.1543, 452.5108

 49.7672, 40.9421,
45.1490


 114.6892,
100.3503, 110.2996

 35.4455, 28.2738,
31.2310


144.8668,
128.5689, 141.2105

 24.1744, 18.5322,
20.5149


179.9217,
161.6361, 177.4160

 15.5884, 11.3327,
12.5821

220.2193,
199.9362, 219.3345

 9.3224, 6.2911,
7.0141

266.1249,
243.8537, 267.3848

 5.0108, 3.0229,
3.3923

318.0040,

 2.2885, 1.1437,

293.7730, 321.9852

1.2983

376.2218,
350.0784, 383.5544

■ 0.7887, 0.0150,
0.0604

■ 0.0000, 0.0000,
0.0000

■ 67.5048, 56.9213,
62.6874

■ 67.5048, 56.9213,
62.6874

■ 60.9716, 46.9898,
50.8454

■ 75.2204, 68.8353,
76.1027

■ 55.5563, 38.9251,
40.5134

■ 84.1706, 82.8244,
91.1443

■ 51.1941, 32.6110,
31.6286

94.4092, 98.9841,
107.8671

■ 47.8114, 27.9150,
24.1219

95.0500, 100.0000,
108.9000

■ 45.3249, 24.6853,
17.9182

■ 43.6356, 22.7411,
12.9333

■ 42.6314, 21.8166,
9.2570

Harmonies

Analogous

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



65.4532, 56.9213, 82.2675



67.5048, 56.9213, 62.6874



65.7340, 56.9213, 46.3339

Triad

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



67.5048, 56.9213, 62.6874



48.3213, 56.9213, 35.7372



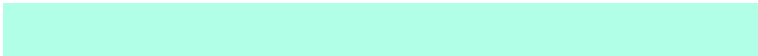
47.9258, 56.9213, 97.7115

Complementary

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



67.5048, 56.9213, 62.6874



68.3174, 86.6376, 88.7269

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.



43.9302, 56.9213, 80.7972



67.5048, 56.9213, 62.6874



44.1454, 56.9213, 45.3324

Square

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



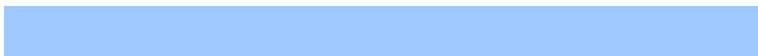
67.5048, 56.9213, 62.6874



54.3493, 56.9213, 32.7653



42.6021, 56.9213, 61.2732



53.8555, 56.9213, 104.8149

Rectangle

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



67.5048, 56.9213, 62.6874



62.6980, 56.9213, 38.8482



42.6021, 56.9213, 61.2732



46.3300, 56.9213, 92.8380

Sweetspot

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



67.5061, 56.9238, 62.6885



85.7070, 85.2399, 93.6828



66.5035, 55.5397, 101.8229



18.0429, 17.7701, 19.5531



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.



67.5061, 56.9238, 62.6885



63.1828, 50.3312, 54.9152



67.8738, 61.8293, 49.9551



18.2395, 18.0791, 19.8781



22.3340, 11.4229, 5.1435



2.2210, 1.1308, 0.7451

Inverse Universe

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



67.5061, 56.9238, 62.6885



63.1828, 50.3312, 54.9152



67.5498, 79.3016, 106.3542



18.2395, 18.0791, 19.8781



22.3340, 11.4229, 5.1435



2.2210, 1.1308, 0.7451

Previews

White Background



This preview shows how the XYZ color 67.5048, 56.9213, 62.6874 looks on a white background.

Color Contrast Check

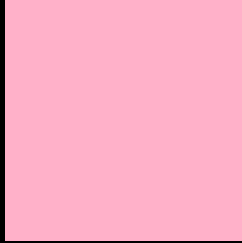
Large Text (above 18pt) WCAG AA × Fail

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 67.5048, 56.9213, 62.6874 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 67.5048, 56.9213, 62.6874

Background



This preview shows how black text looks on a background with the XYZ color 67.5048, 56.9213, 62.6874.



This preview shows how white text looks on a background with the XYZ color 67.5048, 56.9213,

62.6874.

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

67.5048, 56.9213, 62.6874

Protanopia

55.7575, 57.3344, 71.0787

Deuteranopia

58.4764, 57.2772, 61.3996



Tritanopia

66.3079, 56.7174, 57.3219

Trichromacy



Original Color

67.5048, 56.9213, 62.6874



Protanomaly

59.1355, 56.4904, 68.1086



Deuteranomaly

61.3578, 56.8200, 61.7663



Tritanomaly

66.6438, 56.8518, 59.0907

Monochromacy



Original Color

67.5048, 56.9213, 62.6874



Achromatopsia

56.7640, 59.7202, 65.0353



Achromatomaly

60.0767, 58.3774, 63.9787

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.5048, 56.9213, 62.6874 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, 177, 201)` looks like.

```
.text, #text, p{  
    color:rgb(255, 177, 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, 177, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 177, 201) }
```

Border

The CSS property to change the border of an element to XYZ 67.5048, 56.9213, 62.6874 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, 177, 201) }
```


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

```
.border{ border-color:rgb(255, 177, 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, 177, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 177, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 177, 201);  
box-shadow:4px 4px 4px 4px rgb(255, 177,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 67.5048, 56.9213, 62.6874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 177, 201) }
```

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

```
.background{ background-color: rgb(255,  
177, 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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