

Converting Colors

XYZ(69.1941, 58.5557, 68.6282)

Have a look what the booklet for
XYZ(69.1941, 58.5557, 68.6282)
contains.

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Color

**XYZ(69.1941, 58.5557,
68.6282)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB4D2
RGB	255, 180, 210
RGB Percent	100%, 71%, 82%
CMY	0.0000, 0.2941, 0.1765
CMYK	0.00, 0.29, 0.18, 0.00
HSL	336°, 100%, 85%
HSV	336°, 29%, 100%
XYZ	69.1941, 58.5557, 68.6282
YIQ	205.8450, 35.0700, 25.2300

Conversions

Conversions Part 2

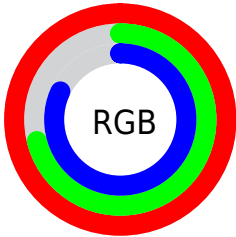
Format	Color
R _Y B	255, 180, 210
Decimal	16757970
CIE Lab	81.05, 31.49, -4.16
CIE LCh	81, 31.762, 352.480
Yxy	58.5557, 0.3524, 0.2982
Android (android.graphics.Color)	4294948050 (0xFFFFB4D2)
YUV	205.8450, 2.0484, 43.1089
Hunter-Lab	76.5217, 27.4942, 0.3912

Details

The XYZ color **69.1941, 58.5557, 68.6282** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **68.1752, 86.6606, 84.3718**, and the grayscale version is **58.5401, 61.5887, 67.0701**.

A 20% lighter version of the original color is **89.2855, 88.4709, 106.9785**, and **36.4876, 29.1923, 35.1641** is the 20% darker color. If you saturate the color by 10%, you get **62.6958, 48.4653, 57.5025**, and if you desaturate by 10%, it is **76.8245, 70.6180, 81.0319**.

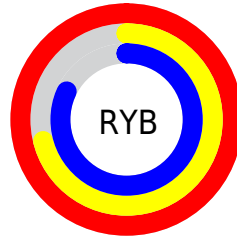
Distribution



Red (100%)

Green (71%)

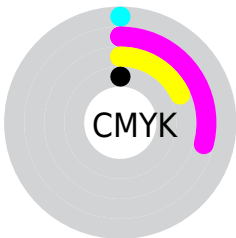
Blue (82%)



Red (100%)

Yellow (71%)

Blue (82%)

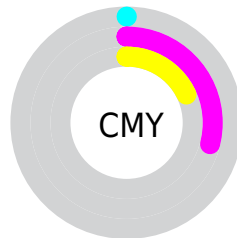


Cyan (0%)

Magenta (29%)

Yellow (18%)

Black (0%)



Cyan (0%)

Magenta (29%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.1941, 58.5557, 68.6282 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 69.1941, 58.5557, 68.6282 by changing the saturation by 10% instead.

69.1941, 58.5557,
68.6282

69.1941, 58.5557,
68.6282

447.0259,
419.2534, 474.3769

51.1470, 42.2556,
49.9391

117.0913,
102.7316, 118.9131

36.5471, 29.3015,
34.9942

147.6722,
131.3762, 151.3459

25.0291, 19.3090,
23.3749

183.1616,
164.9044, 189.1971

16.2276, 11.8938,
14.6627

223.9251,
203.7007, 232.8852

9.7772, 6.6714,
8.4390

270.3279,
248.1493, 282.8286

5.3126, 3.2574,
4.2853

322.7354,

2.4685, 1.2676,

298.6347, 339.4461

1.7831

381.5130,
355.5413, 403.1560

■ 0.8794, 0.1159,
0.4168

■ 0.0000, 0.0000,
0.0000

■ 69.1941, 58.5557,
68.6282

■ 69.1941, 58.5557,
68.6282

■ 62.6958, 48.4653,
57.5025

■ 76.8245, 70.6180,
81.0319

■ 57.2682, 40.2330,
47.6073

■ 85.6356, 84.7426,
94.7519

■ 52.8505, 33.7454,
38.8966

95.0500, 100.0000,
108.9000

■ 49.3735, 28.8731,
31.3199

■ 46.7588, 25.4686,
24.8221

■ 44.9137, 23.3568,
19.3417

■ 43.6993, 22.2699,
14.7996

■ 43.6378, 22.2191,
14.5568

Harmonies

Analogous

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



66.3284, 58.5557, 88.5256



69.1941, 58.5557, 68.6282



68.2111, 58.5557, 50.8577

Triad

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



69.1941, 58.5557, 68.6282



50.9474, 58.5557, 35.7483



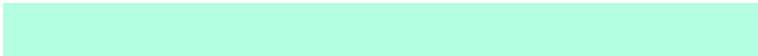
48.2857, 58.5557, 97.1080

Complementary

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



69.1941, 58.5557, 68.6282



68.1752, 86.6606, 84.3718

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.



44.7436, 58.5557, 78.6719



69.1941, 58.5557, 68.6282



46.1936, 58.5557, 44.1019

Square

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



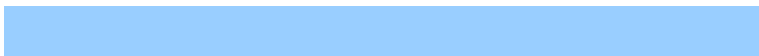
69.1941, 58.5557, 68.6282



57.3312, 58.5557, 34.1104



44.0091, 58.5557, 59.1223



54.0126, 58.5557, 106.9524

Rectangle

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



69.1941, 58.5557, 68.6282



65.5389, 58.5557, 42.2462



44.0091, 58.5557, 59.1223



46.8192, 58.5557, 91.5549

Sweetspot

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



69.1955, 58.5583, 68.6294



86.0221, 85.3660, 95.3421



65.4247, 55.8730, 101.9441



18.1202, 17.8010, 19.9603



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.



69.1955, 58.5583, 68.6294



65.4261, 52.6797, 62.2542



67.3567, 60.3112, 51.2745



18.3104, 18.1075, 20.2515



22.8705, 11.6375, 7.9686



2.2790, 1.1540, 1.0507

Inverse Universe

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



69.1955, 58.5583, 68.6294



65.4261, 52.6797, 62.2542



70.2879, 83.7522, 107.0690



18.3104, 18.1075, 20.2515



22.8705, 11.6375, 7.9686



2.2790, 1.1540, 1.0507

Previews

White Background



This preview shows how the XYZ color 69.1941, 58.5557, 68.6282 looks on a white background.

Color Contrast Check

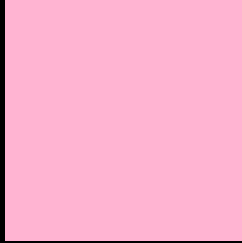
Large Text (above 18pt) WCAG AA × Fail

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 69.1941, 58.5557, 68.6282 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

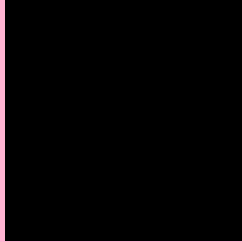
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.1941, 58.5557, 68.6282

Background



This preview shows how black text looks on a background with the XYZ color 69.1941, 58.5557, 68.6282.



This preview shows how white text looks on a background with the XYZ color 69.1941, 58.5557,

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

69.1941, 58.5557, 68.6282

Protanopia

57.3923, 58.7246, 77.4173

Deuteranopia

59.9910, 58.5953, 67.1796



Tritanopia

67.1998, 58.3241, 59.9404

Trichromacy



Original Color

69.1941, 58.5557, 68.6282



Protanomaly

60.9383, 58.2620, 74.3636



Deuteranomaly

63.0773, 58.5368, 67.6487



Tritanomaly

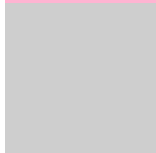
67.9395, 58.3356, 62.9374

Monochromacy



Original Color

69.1941, 58.5557, 68.6282



Achromatopsia

58.6655, 61.7207, 67.2138



Achromatomaly

61.9692, 60.2848, 67.4015

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.1941, 58.5557, 68.6282 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, 180, 210)` looks like.

```
.text, #text, p{  
    color:rgb(255, 180, 210)  
}
```

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, 180, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 180, 210) }
```

Border

The CSS property to change the border of an element to XYZ 69.1941, 58.5557, 68.6282 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, 180, 210) }
```


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

```
.border{ border-color:rgb(255, 180, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 180, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 180, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 180, 210);  
box-shadow:4px 4px 4px 4px rgb(255, 180,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 69.1941, 58.5557, 68.6282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 180, 210) }
```

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

```
.background{ background-color: rgb(255,  
180, 210) }
```

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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