

Converting Colors

XYZ(69.7622, 58.1115, 73.6896)

Have a look what the booklet for
XYZ(69.7622, 58.1115, 73.6896)
contains.

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Color

**XYZ(69.8153, 58.1627,
73.8765)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB2DA
RGB	255, 178, 218
RGB Percent	100%, 70%, 85%
CMY	0.0000, 0.3019, 0.1451
CMYK	0.00, 0.30, 0.15, 0.00
HSL	329°, 100%, 85%
HSV	329°, 30%, 100%
XYZ	69.8153, 58.1627, 73.8765
YIQ	205.5830, 33.0520, 28.7640

Conversions

Conversions Part 2

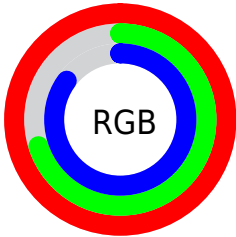
Format	Color
R _Y B	255, 178, 218
Decimal	16757466
CIE Lab	80.83, 33.77, -8.80
CIE LCh	81, 34.896, 345.399
Yxy	58.1627, 0.3459, 0.2881
Android (android.graphics.Color)	4294947546 (0xFFFFB2DA)
YUV	205.5830, 6.1216, 43.3387
Hunter-Lab	76.2645, 29.9426, -4.0484

Details

The XYZ color **69.8153, 58.1627, 73.8765** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **66.3878, 85.8922, 77.3731**, and the grayscale version is **58.3483, 61.3870, 66.8504**.

A 20% lighter version of the original color is **88.7128, 87.3256, 106.7876**, and **36.8445, 28.9300, 38.2925** is the 20% darker color. If you saturate the color by 10%, you get **63.6604, 48.3250, 64.2041**, and if you desaturate by 10%, it is **77.0344, 69.9387, 84.4901**.

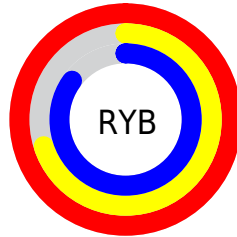
Distribution



Red (100%)

Green (70%)

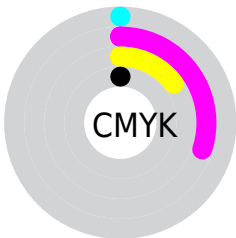
Blue (85%)



Red (100%)

Yellow (70%)

Blue (85%)

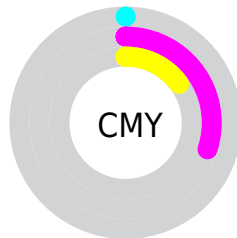


Cyan (0%)

Magenta (30%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (30%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.8153, 58.1627, 73.8765 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 69.8153, 58.1627, 73.8765 by changing the saturation by 10% instead.


 69.8153, 58.1627,
73.8765

 69.8153, 58.1627,
73.8765


449.1778,
417.7919, 493.1990

 51.6550, 41.9395,
54.1968


 117.9730,
102.1598, 126.4531

 36.9533, 29.0539,
38.3648


148.7012,
130.7024, 160.1872

 25.3449, 19.1216,
25.9619


184.3494,
164.1202, 199.4430

 16.4643, 11.7582,
16.5696

225.2829,
202.7977, 244.6393

 9.9462, 6.5792,
9.7694

271.8671,
247.1192, 296.1945

 5.4253, 3.2004,
5.1427

324.4675,

 2.5362, 1.2372,

297.4692, 354.5271

2.2711

383.4492,
354.2319, 420.0558

■ 0.9135, 0.0918,
0.7149

■ 0.0000, 0.0000,
0.0000

■ 69.8153, 58.1627,
73.8765

■ 69.8153, 58.1627,
73.8765

■ 63.6604, 48.3250,
64.2041

■ 77.0344, 69.9387,
84.4901

■ 58.5109, 40.3126,
55.4384

■ 85.3645, 83.7433,
96.0705

■ 54.3081, 34.0120,
47.5477

94.8544, 99.6699,
108.6463

■ 50.9849, 29.2937,
40.4962

95.0500, 100.0000,
108.9000

■ 48.4653, 26.0099,
34.2444

■ 46.6584, 23.9838,
28.7477

■ 45.4365, 22.9386,
24.0286

Harmonies

Analogous

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



65.7543, 58.1627, 95.5060



69.8153, 58.1627, 73.8765



69.7568, 58.1627, 53.3584

Triad

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



69.8153, 58.1627, 73.8765



51.6809, 58.1627, 32.2403



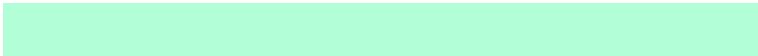
46.1060, 58.1627, 96.0219

Complementary

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



69.8153, 58.1627, 73.8765



66.3878, 85.8922, 77.3731

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.



42.9621, 58.1627, 74.4708



69.8153, 58.1627, 73.8765



45.9850, 58.1627, 39.3375

Square

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



69.8153, 58.1627, 73.8765



58.8515, 58.1627, 32.1490



42.9199, 58.1627, 53.8370



51.8597, 58.1627, 110.0560

Rectangle

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



69.8153, 58.1627, 73.8765



67.3725, 58.1627, 42.9982



42.9199, 58.1627, 53.8370



44.7319, 58.1627, 89.2311

Sweetspot

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



69.8166, 58.1652, 73.8777



86.4355, 85.5313, 97.5189



61.6846, 53.3497, 101.6541



18.2218, 17.8416, 20.4956



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.



69.8166, 58.1652, 73.8777



66.1163, 52.2229, 68.1486



65.4582, 56.4218, 50.9269



18.4034, 18.1447, 20.7417



23.8175, 12.0163, 12.9554



2.3743, 1.1921, 1.5523

Inverse Universe

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



69.8166, 58.1652, 73.8777



66.1163, 52.2229, 68.1486



71.7609, 88.0415, 105.6676



18.4034, 18.1447, 20.7417



23.8175, 12.0163, 12.9554



2.3743, 1.1921, 1.5523

Previews

White Background



This preview shows how the XYZ color 69.8153, 58.1627, 73.8765 looks on a white background.

Color Contrast Check

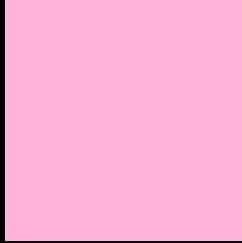
Large Text (above 18pt) WCAG AA × Fail

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 69.8153, 58.1627, 73.8765 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

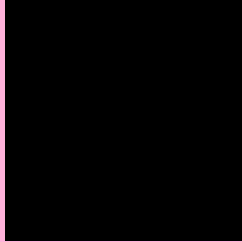
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.8153, 58.1627, 73.8765

Background



This preview shows how black text looks on a background with the XYZ color 69.8153, 58.1627, 73.8765.



This preview shows how white text looks on a background with the XYZ color 69.8153, 58.1627,

73.8765.

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

69.8153, 58.1627, 73.8765

Protanopia

57.4946, 58.2751, 84.5619

Deuteranopia

59.5124, 58.2327, 72.3934



Tritanopia

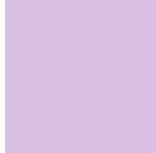
66.8366, 58.1369, 59.9234

Trichromacy



Original Color

69.8153, 58.1627, 73.8765



Protanomaly

61.1112, 57.5594, 80.5622



Deuteranomaly

62.9054, 58.0111, 72.8475



Tritanomaly

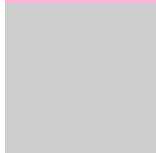
67.9310, 58.2900, 64.7975

Monochromacy



Original Color

69.8153, 58.1627, 73.8765



Achromatopsia

58.6655, 61.7207, 67.2138



Achromatomaly

62.1133, 59.9803, 69.2764

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.8153, 58.1627, 73.8765 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, 178, 218)` looks like.

```
.text, #text, p{  
    color:rgb(255, 178, 218)  
}
```

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, 178, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 178, 218) }
```

Border

The CSS property to change the border of an element to XYZ 69.8153, 58.1627, 73.8765 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, 178, 218) }
```


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

```
.border{ border-color:rgb(255, 178, 218) }
```

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

Here you see how a box with a 4 pixel rgb(255, 178, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 178, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 178, 218);  
box-shadow:4px 4px 4px 4px rgb(255, 178,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 69.8153, 58.1627, 73.8765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 178, 218) }
```

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

```
.background{ background-color: rgb(255,  
178, 218) }
```

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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