

Converting Colors

XYZ(69.4113, 58.1606, 71.2578)

Have a look what the booklet for
XYZ(69.4113, 58.1606, 71.2578)
contains.

XYZ(69.4977, 58.3552, 71.2191)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(69.4977, 58.3552,
71.2191)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB3D6
RGB	255, 179, 214
RGB Percent	100%, 70%, 84%
CMY	0.0000, 0.2980, 0.1608
CMYK	0.00, 0.30, 0.16, 0.00
HSL	332°, 100%, 85%
HSV	332°, 30%, 100%
XYZ	69.4977, 58.3552, 71.2191
YIQ	205.7140, 34.0610, 26.9970

Conversions

Conversions Part 2

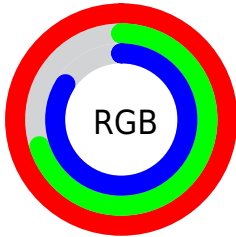
Format	Color
R _Y B	255, 179, 214
Decimal	16757718
CIE Lab	80.94, 32.62, -6.48
CIE LCh	81, 33.261, 348.767
Yxy	58.3552, 0.3491, 0.2931
Android (android.graphics.Color)	4294947798 (0xFFFFB3D6)
YUV	205.7140, 4.0850, 43.2238
Hunter-Lab	76.3906, 28.7101, -1.8028

Details

The XYZ color **69.4977, 58.3552, 71.2191** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **67.2707, 86.2720, 80.8201**, and the grayscale version is **58.4441, 61.4878, 66.9602**.

A 20% lighter version of the original color is **88.9983, 87.8967, 106.8828**, and **36.6176, 29.0408, 36.4764** is the 20% darker color. If you saturate the color by 10%, you get **63.1681, 48.3900, 60.8040**, and if you desaturate by 10%, it is **76.9234, 70.2747, 82.7332**.

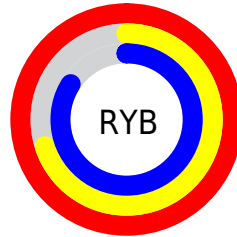
Distribution



Red (100%)

Green (70%)

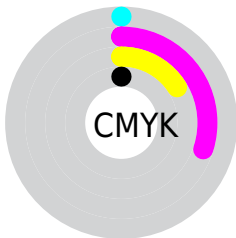
Blue (84%)



Red (100%)

Yellow (70%)

Blue (84%)

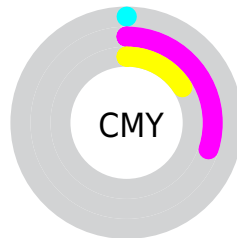


Cyan (0%)

Magenta (30%)

Yellow (16%)

Black (0%)



Cyan (0%)

Magenta (30%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.4977, 58.3552, 71.2191 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 69.4977, 58.3552, 71.2191 by changing the saturation by 10% instead.


 69.4977, 58.3552,
71.2191

 69.4977, 58.3552,
71.2191


448.0783,
418.5082, 483.7233

 51.3953, 42.0943,
52.0381


 117.5223,
102.4399, 122.6430

 36.7456, 29.1751,
36.6530


148.1753,
131.0325, 155.7230

 25.1833, 19.2133,
24.6452

183.7424,
164.5045, 194.2730

 16.3432, 11.8245,
15.5963

224.5890,
203.2402, 238.7117

 9.8597, 6.6243,
9.0877

271.0806,
247.6240, 289.4575

 5.3676, 3.2283,
4.7008

323.5824,

 2.5015, 1.2520,

298.0403, 346.9290

2.0172

382.4599,
354.8736, 411.5448

■ 0.8960, 0.1036,
0.5658

■ 0.0000, 0.0000,
0.0000

■ 69.4977, 58.3552,
71.2191

■ 69.4977, 58.3552,
71.2191

■ 63.1681, 48.3900,
60.8040

■ 76.9234, 70.2747,
82.7332

■ 57.8747, 40.2658,
51.4478

■ 85.4928, 84.2387,
95.3773

■ 53.5579, 33.8692,
43.1126

95.0500, 100.0000,
108.9000

■ 50.1499, 29.0708,
35.7562

■ 47.5735, 25.7231,
29.3326

■ 45.7373, 23.6502,
23.7900

■ 44.4977, 22.5719,
19.0578

■ 44.4761, 22.5544,
18.9709

Harmonies

Analogous

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



66.0343, 58.3552, 91.9662



69.4977, 58.3552, 71.2191



68.9755, 58.3552, 52.0994

Triad

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



69.4977, 58.3552, 71.2191



51.3117, 58.3552, 33.9637



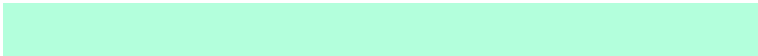
47.1843, 58.3552, 96.5497

Complementary

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



69.4977, 58.3552, 71.2191



67.2707, 86.2720, 80.8201

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.



43.8448, 58.3552, 76.5411



69.4977, 58.3552, 71.2191



46.0881, 58.3552, 41.6713

Square

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



69.4977, 58.3552, 71.2191



58.0855, 58.3552, 33.1211



43.4609, 58.3552, 56.4317



52.9243, 58.3552, 108.4826

Rectangle

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



69.4977, 58.3552, 71.2191



66.4469, 58.3552, 42.6229



43.4609, 58.3552, 56.4317



45.7648, 58.3552, 90.3746

Sweetspot

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



69.4991, 58.3577, 71.2203



86.2308, 85.4494, 96.4408



63.5463, 54.6060, 101.7985



18.1714, 17.8215, 20.2303



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.



69.4991, 58.3577, 71.2203



65.4495, 51.9562, 64.6369



66.0110, 57.7824, 50.3250



18.3573, 18.1262, 20.4988



23.3132, 11.8146, 10.2995



2.3243, 1.1721, 1.2894

Inverse Universe

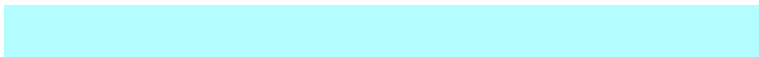
The Inverse Universe completely reimagines the original color for something new.



69.4991, 58.3577, 71.2203



65.4495, 51.9562, 64.6369



71.5990, 86.7188, 107.5725



18.3573, 18.1262, 20.4988



23.3132, 11.8146, 10.2995



2.3243, 1.1721, 1.2894

Previews

White Background



This preview shows how the XYZ color 69.4977, 58.3552, 71.2191 looks on a white background.

Color Contrast Check

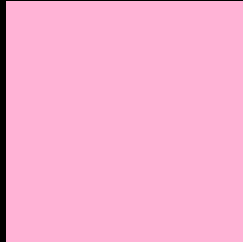
Large Text (above 18pt) WCAG AA × Fail

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 69.4977, 58.3552, 71.2191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

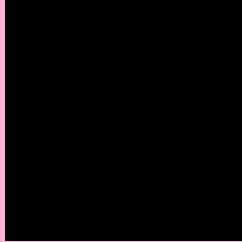
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.4977, 58.3552, 71.2191

Background



This preview shows how black text looks on a background with the XYZ color 69.4977, 58.3552, 71.2191.



This preview shows how white text looks on a background with the XYZ color 69.4977, 58.3552,

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

69.4977, 58.3552, 71.2191

Protanopia

57.5454, 58.7249, 80.9751

Deuteranopia

59.5919, 58.3323, 69.7464



Tritanopia

67.1998, 58.3241, 59.9404

Trichromacy



Original Color

69.4977, 58.3552, 71.2191



Protanomaly

60.9479, 57.8786, 77.0666



Deuteranomaly

62.7144, 57.9717, 70.1716



Tritanomaly

68.1764, 58.4304, 64.1848

Monochromacy



Original Color

69.4977, 58.3552, 71.2191



Achromatopsia

58.6655, 61.7207, 67.2138



Achromatomaly

61.9890, 59.9306, 68.6222

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.4977, 58.3552, 71.2191 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, 179, 214)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 214)  
}
```

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, 179, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 214) }
```

Border

The CSS property to change the border of an element to XYZ 69.4977, 58.3552, 71.2191 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, 179, 214) }
```


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

```
.border{ border-color:rgb(255, 179, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 179, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 214);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 69.4977, 58.3552, 71.2191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 179, 214) }
```

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

```
.background{ background-color: rgb(255,  
179, 214) }
```

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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