

Converting Colors

XYZ(72.8599, 66.0647, 69.3030)

Have a look what the booklet for
XYZ(72.8599, 66.0647, 69.3030)
contains.

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Color

**XYZ(72.9427, 66.2516,
69.2649)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC6D1
RGB	255, 198, 209
RGB Percent	100%, 78%, 82%
CMY	0.0000, 0.2235, 0.1804
CMYK	0.00, 0.22, 0.18, 0.00
HSL	348°, 100%, 89%
HSV	348°, 22%, 100%
XYZ	72.9427, 66.2516, 69.2649
YIQ	216.2970, 30.4410, 15.5050

Conversions

Conversions Part 2

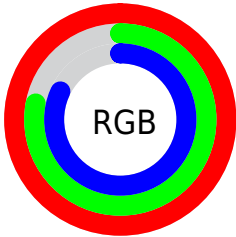
Format	Color
R_{YB}	255, 198, 209
Decimal	16762577
CIE _{Lab}	85.12, 21.89, 2.35
CIE _{LCh}	85, 22.017, 6.114
Yxy	66.2516, 0.3499, 0.3178
Android (android.graphics.Color)	4294952657 (0xFFFFC6D1)
YUV	216.2970, -3.5974, 33.9425
Hunter-Lab	81.3951, 17.5225, 6.5225

Details

The XYZ color **72.9427, 66.2516, 69.2649** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.3802, 90.0585, 99.0019**, and the grayscale version is **65.4833, 68.8935, 75.0251**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.1784, 34.3188, 35.5696** is the 20% darker color. If you saturate the color by 10%, you get **65.2116, 54.6071, 54.9183**, and if you desaturate by 10%, it is **81.9874, 79.9959, 85.6750**.

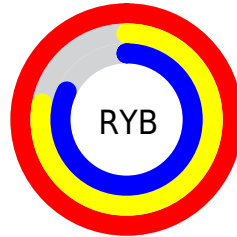
Distribution



Red (100%)

Green (78%)

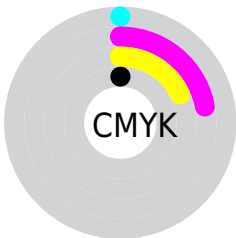
Blue (82%)



Red (100%)

Yellow (78%)

Blue (82%)

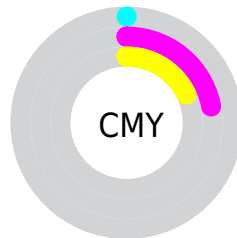


Cyan (0%)

Magenta (22%)

Yellow (18%)

Black (0%)



Cyan (0%)

Magenta (22%)

Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.9427, 66.2516, 69.2649 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 72.9427, 66.2516, 69.2649 by changing the saturation by 10% instead.


 72.9427, 66.2516,
69.2649

 72.9427, 66.2516,
69.2649


459.9231,
447.2762, 476.6839

 54.2173, 48.4767,
50.4544


122.3994,
113.8474, 119.8311

 39.0068, 34.2045,
35.4009


153.8615,
144.4370, 152.4239

 26.9458, 23.0508,
23.6858


190.2998,
180.0670, 190.4478

 17.6689, 14.6310,
14.8907

232.0798,
221.1217, 234.3215

 10.8108, 8.5608,
8.5969

279.5667,
267.9856, 284.4634

 6.0061, 4.4559,
4.3860

333.1260,

 2.8895, 1.9317,

321.0431, 341.2920

1.8394

393.1230,
380.6784, 405.2260

■ 1.0956, 0.5673,
0.4538

■ 0.0214, 0.0000,
0.0000

■ 72.9427, 66.2516,
69.2649

■ 72.9427, 66.2516,
69.2649

■ 65.2116, 54.6071,
54.9183

■ 81.9874, 79.9959,
85.6750

■ 58.7277, 44.9505,
42.5488

■ 92.3984, 95.9275,
104.2220

■ 53.4259, 37.1728,
32.0699

95.0500, 100.0000,
108.9000

■ 49.2333, 31.1508,
23.3870

■ 46.0686, 26.7466,
16.3970

■ 43.8390, 23.8014,
10.9861

■ 42.4338, 22.1240,
7.0253

■ 41.7985, 21.4834,
4.8710

Harmonies

Analogous

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



72.1044, 66.2516, 83.7779



72.9427, 66.2516, 69.2649



70.9977, 66.2516, 57.1985

Triad

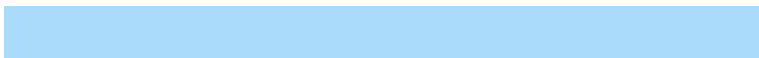
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.9427, 66.2516, 69.2649



57.5117, 66.2516, 52.2352



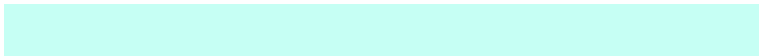
59.1848, 66.2516, 100.1209

Complementary

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



72.9427, 66.2516, 69.2649



75.3802, 90.0585, 99.0019

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.



55.5718, 66.2516, 89.4727



72.9427, 66.2516, 69.2649



54.6419, 66.2516, 61.6272

Square

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



72.9427, 66.2516, 69.2649



61.9592, 66.2516, 48.2328



53.9507, 66.2516, 75.0869



63.9920, 66.2516, 102.8644

Rectangle

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



72.9427, 66.2516, 69.2649



68.4416, 66.2516, 51.7452



53.9507, 66.2516, 75.0869



57.7984, 66.2516, 97.2849

Sweetspot

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



72.9443, 66.2545, 69.2663



87.3842, 88.2419, 95.3279



75.4155, 66.7728, 103.5214



18.5692, 18.6815, 20.1644



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

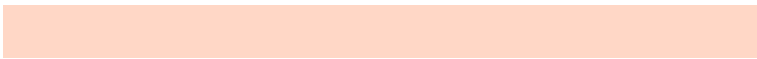
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.9443, 66.2545, 69.2663



69.1896, 60.5847, 62.3438



75.7608, 73.9915, 63.7185



18.1526, 18.0443, 19.4205



21.8811, 11.2417, 2.7583



2.1663, 1.1089, 0.4573

Inverse Universe

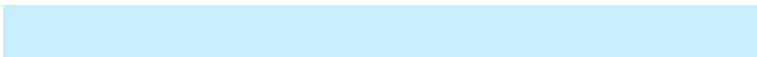
The Inverse Universe completely reimagines the original color for something new.



72.9443, 66.2545, 69.2663



69.1896, 60.5847, 62.3438



71.8863, 80.3185, 106.3220



18.1526, 18.0443, 19.4205



21.8811, 11.2417, 2.7583



2.1663, 1.1089, 0.4573

Previews

White Background



This preview shows how the XYZ color 72.9427, 66.2516, 69.2649 looks on a white background.

Color Contrast Check

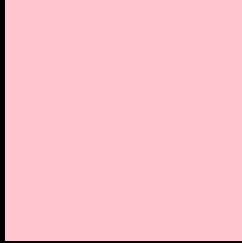
Large Text (above 18pt) WCAG AA × Fail

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 72.9427, 66.2516, 69.2649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

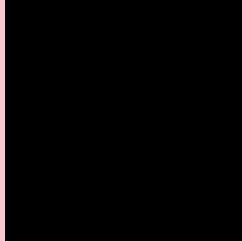
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.9427, 66.2516, 69.2649

Background



This preview shows how black text looks on a background with the XYZ color 72.9427, 66.2516, 69.2649.

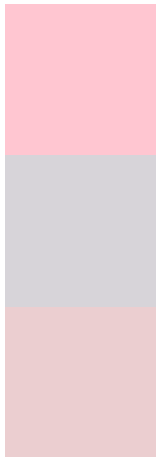


This preview shows how white text looks on a background with the XYZ color 72.9427, 66.2516,

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

72.9427, 66.2516, 69.2649

Protanopia

64.0922, 66.5438, 75.1119

Deuteranopia

67.7174, 66.3588, 68.9140



Tritanopia

73.4443, 66.4523, 71.9064

Trichromacy



Original Color

72.9427, 66.2516, 69.2649

Protanomaly

67.0835, 66.3037, 72.8805

Deuteranomaly

69.3591, 66.1432, 68.7858

Tritanomaly

73.3177, 66.4016, 71.2399

Monochromacy



Original Color

72.9427, 66.2516, 69.2649

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

67.4438, 67.2280, 72.3724

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.9427, 66.2516, 69.2649 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, 198, 209)` looks like.

```
.text, #text, p{  
    color:rgb(255, 198, 209)  
}
```

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, 198, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 198, 209) }
```

Border

The CSS property to change the border of an element to XYZ 72.9427, 66.2516, 69.2649 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, 198, 209) }
```


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

```
.border{ border-color:rgb(255, 198, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 198, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 198, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 198, 209);  
box-shadow:4px 4px 4px 4px rgb(255, 198,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 72.9427, 66.2516, 69.2649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 198, 209) }
```

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

```
.background{ background-color: rgb(255,  
198, 209) }
```

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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