

Converting Colors

XYZ(72.4396, 65.8701, 67.1715)

Have a look what the booklet for
XYZ(72.4396, 65.8701, 67.1715)
contains.

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Color

**XYZ(72.5747, 66.1044,
67.3268)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC6CE
RGB	255, 198, 206
RGB Percent	100%, 78%, 81%
CMY	0.0000, 0.2235, 0.1922
CMYK	0.00, 0.22, 0.19, 0.00
HSL	352°, 100%, 89%
HSV	352°, 22%, 100%
XYZ	72.5747, 66.1044, 67.3268
YIQ	215.9550, 31.4040, 14.5720

Conversions

Conversions Part 2

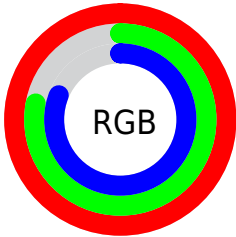
Format	Color
R _Y B	255, 198, 206
Decimal	16762574
CIE Lab	85.05, 21.44, 3.84
CIE LCh	85, 21.784, 10.140
Yxy	66.1044, 0.3523, 0.3209
Android (android.graphics.Color)	4294952654 (0xFFFFC6CE)
YUV	215.9550, -4.9078, 34.2425
Hunter-Lab	81.3046, 17.0509, 7.8163

Details

The XYZ color **72.5747, 66.1044, 67.3268** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.8396, 90.2423, 101.4209**, and the grayscale version is **65.2584, 68.6569, 74.7674**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.6667, 34.0838, 34.2466** is the 20% darker color. If you saturate the color by 10%, you get **64.7490, 54.4221, 52.4824**, and if you desaturate by 10%, it is **81.7562, 79.9034, 84.4575**.

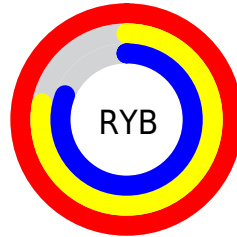
Distribution



Red (100%)

Green (78%)

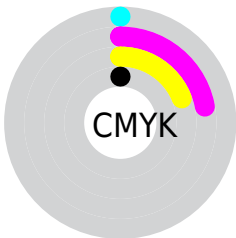
Blue (81%)



Red (100%)

Yellow (78%)

Blue (81%)

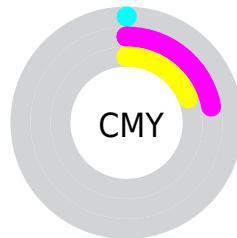


Cyan (0%)

Magenta (22%)

Yellow (19%)

Black (0%)



Cyan (0%)

Magenta (22%)

Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.5747, 66.1044, 67.3268 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 72.5747, 66.1044, 67.3268 by changing the saturation by 10% instead.


 72.5747, 66.1044,
67.3268

 72.5747, 66.1044,
67.3268

458.6661,
446.7502, 469.6403

 53.9154, 48.3572,
48.8870


121.8796,
113.6362, 117.0336

 38.7644, 34.1098,
34.1649


153.2560,
144.1895, 149.1378

 26.7564, 22.9780,
22.7419


189.6021,
179.7803, 186.6337

 17.5260, 14.5772,
14.1995

231.2833,
220.7929, 229.9401

 10.7079, 8.5232,
8.1192

278.6649,
267.6118, 279.4754

 5.9366, 4.4315,
4.0825


332.1124,


 2.8468, 1.9178,


320.6214, 335.6582

1.6707


391.9910,
380.2061, 398.9069


 1.0733, 0.5590,
0.3405


 0.0026, 0.0000,
0.0000


 72.5747, 66.1044,
67.3268


 72.5747, 66.1044,
67.3268

 64.7490, 54.4221,
52.4824


 81.7562, 79.9034,
84.4575

 58.2101, 44.7435,
39.8234

 92.3489, 95.9077,
103.9614

 52.8899, 36.9584,
29.2471

95.0500, 100.0000,
108.9000

 48.7119, 30.9423,
20.6413

■ 45.5912, 26.5556,
13.8828

■ 43.4304, 23.6379,
8.8344

■ 42.1136, 21.9959,
5.3391

■ 41.5550, 21.3860,
3.5886

Harmonies

Analogous

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



72.1205, 66.1044, 81.5436



72.5747, 66.1044, 67.3268



70.3162, 66.1044, 55.9364

Triad

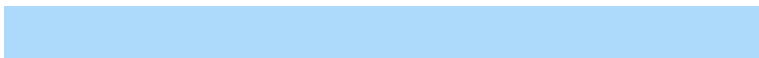
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.5747, 66.1044, 67.3268



56.9466, 66.1044, 53.2466



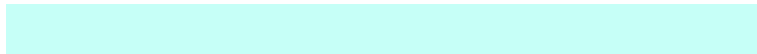
59.6817, 66.1044, 100.4733

Complementary

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



72.5747, 66.1044, 67.3268



75.8396, 90.2423, 101.4209

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.



55.8954, 66.1044, 90.8225



72.5747, 66.1044, 67.3268



54.3741, 66.1044, 63.1885

Square

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



72.5747, 66.1044, 67.3268



61.1850, 66.1044, 48.5361



53.9996, 66.1044, 76.8354



64.5047, 66.1044, 101.9593

Rectangle

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



72.5747, 66.1044, 67.3268



67.6417, 66.1044, 51.0088



53.9996, 66.1044, 76.8354



58.2525, 66.1044, 98.0223

Sweetspot

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



72.5762, 66.1073, 67.3282



87.2445, 88.1860, 94.5922



76.4099, 67.2854, 103.5679



18.5370, 18.6686, 19.9945



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

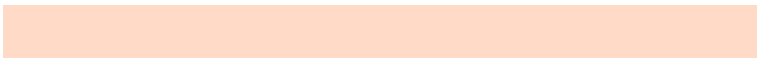
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.5762, 66.1073, 67.3282



68.7725, 60.4178, 60.1474



76.4932, 75.4564, 63.9627



18.1131, 18.0286, 19.2129



21.7446, 11.1872, 2.0398



2.1471, 1.1012, 0.3562

Inverse Universe

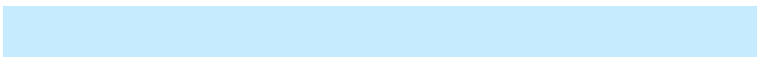
The Inverse Universe completely reimagines the original color for something new.



72.5762, 66.1073, 67.3282



68.7725, 60.4178, 60.1474



71.0636, 78.6731, 106.0477



18.1131, 18.0286, 19.2129



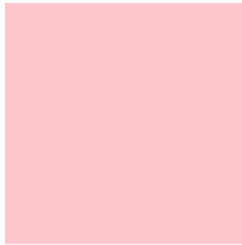
21.7446, 11.1872, 2.0398



2.1471, 1.1012, 0.3562

Previews

White Background



This preview shows how the XYZ color 72.5747, 66.1044, 67.3268 looks on a white background.

Color Contrast Check

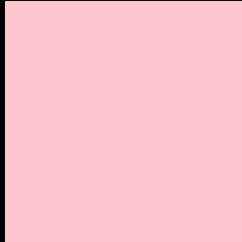
Large Text (above 18pt) WCAG AA × Fail

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 72.5747, 66.1044, 67.3268 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 72.5747, 66.1044, 67.3268

Background



This preview shows how black text looks on a background with the XYZ color 72.5747, 66.1044, 67.3268.



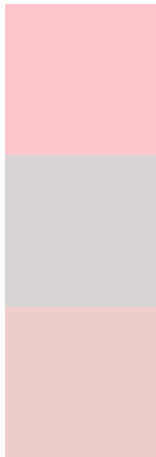
This preview shows how white text looks on a background with the XYZ color 72.5747, 66.1044,

67.3268.

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

72.5747, 66.1044, 67.3268

Protanopia

64.0000, 66.5409, 73.0889

Deuteranopia

67.6828, 66.3833, 67.0036



Tritanopia

73.0899, 65.9460, 71.1639

Trichromacy



Original Color

72.5747, 66.1044, 67.3268

Protanomaly

66.7038, 66.1518, 70.8809

Deuteranomaly

69.3375, 66.1743, 66.8760

Tritanomaly

72.8391, 65.8456, 69.8432

Monochromacy



Original Color

72.5747, 66.1044, 67.3268

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

67.3173, 67.1774, 71.7059

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.5747, 66.1044, 67.3268 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, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 198, 206)  
}
```

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, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 198, 206) }
```

Border

The CSS property to change the border of an element to XYZ 72.5747, 66.1044, 67.3268 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, 206) }
```


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

```
.border{ border-color:rgb(255, 198, 206) }
```

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, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 198, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 198, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 198,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 72.5747, 66.1044, 67.3268 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, 206) }
```

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

```
.background{ background-color: rgb(255,  
198, 206) }
```

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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