

Converting Colors

XYZ(65.8224, 57.2314, 72.8570)

Have a look what the booklet for
XYZ(65.8224, 57.2314, 72.8570)
contains.

XYZ(65.7406, 57.2910, 72.5591)	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(65.7406, 57.2910,
72.5591)**

Conversions

Conversions Part 1

Format	Color
Hex	F2B6D8
RGB	242, 182, 216
RGB Percent	95%, 71%, 85%
CMY	0.0510, 0.2863, 0.1529
CMYK	0.00, 0.25, 0.11, 0.05
HSL	326°, 70%, 83%
HSV	326°, 25%, 95%
XYZ	65.7406, 57.2910, 72.5591
YIQ	203.8160, 24.8460, 23.2940

Conversions

Conversions Part 2

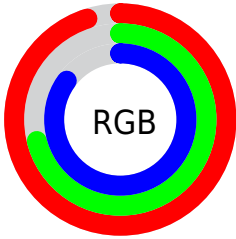
Format	Color
R _Y B	242, 182, 216
Decimal	15906520
CIE Lab	80.34, 26.91, -8.58
CIE LCh	80, 28.247, 342.309
Yxy	57.2910, 0.3361, 0.2929
Android (android.graphics.Color)	4294096600 (0xFFFF2B6D8)
YUV	203.8160, 6.0067, 33.4874
Hunter-Lab	75.6908, 22.5757, -3.8533

Details

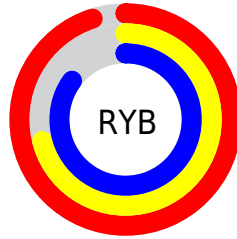
The XYZ color **65.7406, 57.2910, 72.5591** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **62.4311, 78.0051, 71.4442**, and the grayscale version is **57.2321, 60.2126, 65.5715**.

A 20% lighter version of the original color is **89.8645, 89.6291, 107.1715**, and **34.2909, 28.5880, 37.4289** is the 20% darker color. If you saturate the color by 10%, you get **59.8936, 47.6975, 64.1330**, and if you desaturate by 10%, it is **72.5339, 68.6370, 81.7289**.

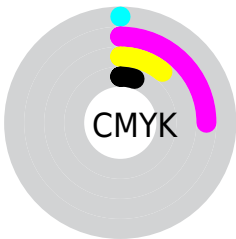
Distribution



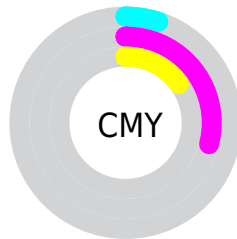
- Red (95%)
- Green (71%)
- Blue (85%)



- Red (95%)
- Yellow (71%)
- Blue (85%)



- Cyan (0%)
- Magenta (25%)
- Yellow (11%)
- Black (5%)



- Cyan (5%)
- Magenta (29%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.7406, 57.2910, 72.5591 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 65.7406, 57.2910, 72.5591 by changing the saturation by 10% instead.

65.7406, 57.2910,
72.5591

65.7406, 57.2910,
72.5591

434.9519,
414.5388, 488.5150

48.3288, 41.2389,
53.1259

112.1737,
100.8897, 124.5662

34.2997, 28.5058,
37.5149

141.9258,
129.2051, 157.9772

23.2879, 18.7073,
25.3075

176.5219,
162.3770, 196.8845

14.9281, 11.4590,
16.0852

216.3275,
200.7899, 241.7067

8.8549, 6.3764,
9.4294

261.7080,
244.8281, 292.8623

4.7030, 3.0753,
4.9217

313.0286,

2.1070, 1.1712,

294.8761, 350.7699

2.1435

370.6548,
351.3182, 415.8479

■ 0.6930, 0.0380,
0.6415

■ 0.0000, 0.0000,
0.0000

■ 65.7406, 57.2910,
72.5591

■ 65.7406, 57.2910,
72.5591

■ 59.8936, 47.6975,
64.1330

■ 72.5339, 68.6370,
81.7289

■ 54.9423, 39.7601,
56.4239

■ 80.3108, 81.8103,
91.6606

■ 50.8386, 33.3847,
49.4084

■ 89.1129, 96.8904,
102.3763

■ 47.5280, 28.4648,
43.0598

■ 90.4284, 97.6175,
108.6837

■ 44.9489, 24.8801,
37.3490

■ 43.0299, 22.4909,
32.2432

■ 41.6841, 21.1260,
27.7042

■ 41.1428, 20.6872,
25.5389

Harmonies

Analogous

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



62.2808, 57.2910, 88.9981



65.7406, 57.2910, 72.5591



66.0473, 57.2910, 55.8388

Triad

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



65.7406, 57.2910, 72.5591



52.1187, 57.2910, 36.1678



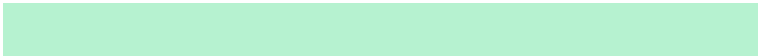
46.6423, 57.2910, 86.3471

Complementary

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



65.7406, 57.2910, 72.5591



62.4311, 78.0051, 71.4442

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.



44.3025, 57.2910, 69.4134



65.7406, 57.2910, 72.5591



47.3109, 57.2910, 41.6814

Square

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



65.7406, 57.2910, 72.5591



57.9003, 57.2910, 36.7082



44.5382, 57.2910, 53.2007



51.1460, 57.2910, 97.8759

Rectangle

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



65.7406, 57.2910, 72.5591



64.3951, 57.2910, 46.8701



44.5382, 57.2910, 53.2007



45.5915, 57.2910, 80.9822

Sweetspot

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



65.7423, 57.2936, 72.5603



88.3970, 88.6470, 100.6613



58.7697, 53.2795, 91.1918



18.8035, 18.7752, 21.3980



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.



65.7423, 57.2936, 72.5603



70.4244, 58.5659, 76.5927



62.2109, 55.8810, 53.9646



16.1480, 15.9089, 18.3357



22.1719, 11.1412, 14.0876



1.8943, 0.9468, 1.4344

Inverse Universe

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



65.7423, 57.2936, 72.5603



70.4244, 58.5659, 76.5927



66.4780, 79.6239, 92.7552



16.1480, 15.9089, 18.3357



22.1719, 11.1412, 14.0876



1.8943, 0.9468, 1.4344

Previews

White Background



This preview shows how the XYZ color 65.7406, 57.2910, 72.5591 looks on a white background.

Color Contrast Check

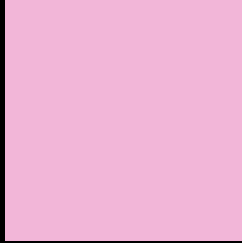
Large Text (above 18pt) WCAG AA × Fail

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 65.7406, 57.2910, 72.5591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

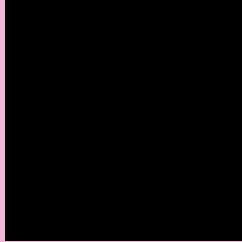
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.7406, 57.2910, 72.5591

Background



This preview shows how black text looks on a background with the XYZ color 65.7406, 57.2910, 72.5591.



This preview shows how white text looks on a background with the XYZ color 65.7406, 57.2910,

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

65.7406, 57.2910, 72.5591

Protanopia

56.4272, 57.4813, 80.0725

Deuteranopia

58.8700, 57.5847, 71.6305



Tritanopia

63.5929, 57.3467, 61.7501

Trichromacy



Original Color

65.7406, 57.2910, 72.5591

Protanomaly

59.1858, 56.9702, 76.9842

Deuteranomaly

61.4197, 57.5805, 72.1670

Tritanomaly

64.4356, 57.3895, 65.4388

Monochromacy



Original Color

65.7406, 57.2910, 72.5591

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

60.0385, 58.9393, 67.8866

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.7406, 57.2910, 72.5591 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(242, 182, 216)` looks like.

```
.text, #text, p{  
    color:rgb(242, 182, 216)  
}
```

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(242, 182, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 182, 216) }
```

Border

The CSS property to change the border of an element to XYZ 65.7406, 57.2910, 72.5591 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(242, 182, 216) }
```


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

```
.border{ border-color:rgb(242, 182, 216) }
```

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

Here you see how a box with a 4 pixel rgb(242, 182, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 182, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 182, 216);  
box-shadow:4px 4px 4px 4px rgb(242, 182,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 65.7406, 57.2910, 72.5591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 182, 216) }
```

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

```
.background{ background-color: rgb(242,  
182, 216) }
```

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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