

Converting Colors

XYZ(73.0189, 65.6554, 81.9532)

Have a look what the booklet for
XYZ(73.0189, 65.6554, 81.9532)
contains.

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Color

**XYZ(73.0368, 65.6737,
82.2256)**

Conversions

Conversions Part 1

Format	Color
Hex	F9C5E4
RGB	249, 197, 228
RGB Percent	98%, 77%, 89%
CMY	0.0235, 0.2274, 0.1059
CMYK	0.00, 0.21, 0.08, 0.02
HSL	324°, 81%, 87%
HSV	324°, 21%, 98%
XYZ	73.0368, 65.6737, 82.2256
YIQ	216.0820, 21.0410, 20.6650

Conversions

Conversions Part 2

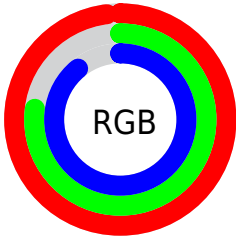
Format	Color
R _Y B	249, 197, 228
Decimal	16369124
CIE Lab	84.83, 23.36, -8.28
CIE LCh	85, 24.786, 340.473
Yxy	65.6737, 0.3306, 0.2973
Android (android.graphics.Color)	4294559204 (0xFFFF9C5E4)
YUV	216.0820, 5.8756, 28.8691
Hunter-Lab	81.0393, 19.0546, -3.4304

Details

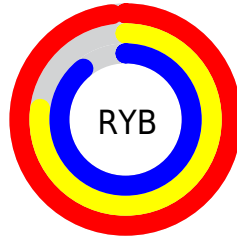
The XYZ color **73.0368, 65.6737, 82.2256** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **69.5592, 84.6855, 79.0135**, and the grayscale version is **65.2789, 68.6785, 74.7909**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **39.1035, 33.8685, 44.0115** is the 20% darker color. If you saturate the color by 10%, you get **66.4877, 54.7443, 73.3540**, and if you desaturate by 10%, it is **80.6048, 78.5090, 91.8390**.

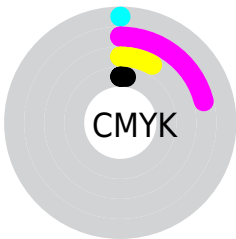
Distribution



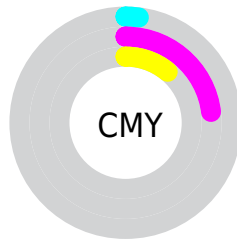
- Red (98%)
- Green (77%)
- Blue (89%)



- Red (98%)
- Yellow (77%)
- Blue (89%)



- Cyan (0%)
- Magenta (21%)
- Yellow (8%)
- Black (2%)





- Cyan (2%)
- Magenta (23%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.0368, 65.6737, 82.2256 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 73.0368, 65.6737, 82.2256 by changing the saturation by 10% instead.


 73.0368, 65.6737,
82.2256

 73.0368, 65.6737,
82.2256


460.2442,
445.2090, 522.3052

 54.2945, 48.0076,
61.0146


122.5323,
113.0179, 138.3298

 39.0688, 33.8329,
43.8063


154.0163,
143.4647, 174.0602

 26.9942, 22.7652,
30.1822


190.4781,
178.9406, 215.4674

 17.7054, 14.4203,
19.7237

232.2833,
219.8298, 262.9700

 10.8371, 8.4135,
12.0123

279.7972,
266.5169, 316.9865

 6.0239, 4.3607,
6.6294


333.3850,


 2.9004, 1.8773,


319.3862, 377.9356


3.1565


393.4122,
378.8221, 446.2356


 1.1013, 0.5347,
1.1751


 0.0262, 0.0000,
0.0000


 73.0368, 65.6737,
82.2256


 73.0368, 65.6737,
82.2256


 66.4877, 54.7443,
73.3540


 80.6048, 78.5090,
91.8390

 60.9045, 45.6199,
65.1977

 89.2299, 93.3274,
102.2113

 56.2380, 38.2036,
57.7339

 92.8774, 98.8800,
108.7983

 52.4324, 32.3856,
50.9371

■ 49.4251, 28.0433,
44.7789

■ 47.1446, 25.0362,
39.2281

■ 45.5055, 23.1961,
34.2483

■ 44.4471, 22.2919,
30.1576

Harmonies

Analogous

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



69.6126, 65.6737, 97.3887



73.0368, 65.6737, 82.2256



73.5224, 65.6737, 66.0908

Triad

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



73.0368, 65.6737, 82.2256



60.4997, 65.6737, 45.4513



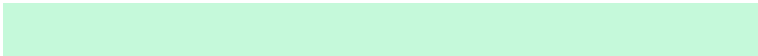
54.6442, 65.6737, 93.2539

Complementary

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



73.0368, 65.6737, 82.2256



69.5592, 84.6855, 79.0135

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.



52.4972, 65.6737, 77.2123



73.0368, 65.6737, 82.2256



55.7424, 65.6737, 50.6731

Square

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



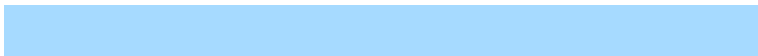
73.0368, 65.6737, 82.2256



66.0590, 65.6737, 46.3814



52.8870, 65.6737, 61.7638



58.9189, 65.6737, 104.3805

Rectangle

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



73.0368, 65.6737, 82.2256



72.0850, 65.6737, 57.0912



52.8870, 65.6737, 61.7638



53.6616, 65.6737, 88.1667

Sweetspot

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



73.0387, 65.6766, 82.2270



89.3827, 90.2320, 102.1814



65.9215, 61.6500, 98.0488



19.0049, 19.0958, 21.7183



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.



73.0387, 65.6766, 82.2270



74.1035, 64.3020, 82.8196



69.7200, 64.3491, 64.7507



17.6790, 17.3989, 20.1652



23.8638, 11.9612, 16.5229



2.2627, 1.1288, 1.8066

Inverse Universe

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



73.0387, 65.6766, 82.2270



74.1035, 64.3020, 82.8196



73.2026, 86.1429, 98.1992



17.6790, 17.3989, 20.1652



23.8638, 11.9612, 16.5229



2.2627, 1.1288, 1.8066

Previews

White Background



This preview shows how the XYZ color 73.0368, 65.6737, 82.2256 looks on a white background.

Color Contrast Check

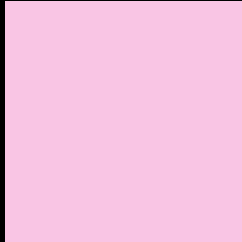
Large Text (above 18pt) WCAG AA × Fail

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 73.0368, 65.6737, 82.2256 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 73.0368, 65.6737, 82.2256

Background



This preview shows how black text looks on a background with the XYZ color 73.0368, 65.6737, 82.2256.



This preview shows how white text looks on a background with the XYZ color 73.0368, 65.6737,

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

73.0368, 65.6737, 82.2256

Protanopia

64.7291, 66.2000, 88.7232

Deuteranopia

67.1628, 65.8024, 81.1128



Tritanopia

71.0469, 65.5273, 73.1934

Trichromacy



Original Color

73.0368, 65.6737, 82.2256

Protanomaly

67.5198, 65.8731, 86.2469

Deuteranomaly

69.1527, 65.7503, 81.7194

Tritanomaly

71.8238, 65.5119, 76.5697

Monochromacy



Original Color

73.0368, 65.6737, 82.2256

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

67.7136, 67.2622, 77.1242

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.0368, 65.6737, 82.2256 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(249, 197, 228) looks like.

```
.text, #text, p{  
    color:rgb(249, 197, 228)  
}
```

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(249, 197, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 197, 228) }
```

Border

The CSS property to change the border of an element to XYZ 73.0368, 65.6737, 82.2256 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(249, 197, 228) }
```


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

```
.border{ border-color:rgb(249, 197, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 197, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 197, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 197, 228);  
box-shadow:4px 4px 4px 4px rgb(249, 197,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 73.0368, 65.6737, 82.2256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 197, 228) }
```

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

```
.background{ background-color: rgb(249,  
197, 228) }
```

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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