

Converting Colors

XYZ(73.4156, 65.6834, 92.1071)

Have a look what the booklet for
XYZ(73.4156, 65.6834, 92.1071)
contains.

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Color

**XYZ(73.4996, 65.6959,
92.0258)**

Conversions

Conversions Part 1

Format	Color
Hex	F5C5F1
RGB	245, 197, 241
RGB Percent	96%, 77%, 95%
CMY	0.0392, 0.2274, 0.0549
CMYK	0.00, 0.20, 0.02, 0.04
HSL	305°, 71%, 87%
HSV	305°, 20%, 96%
XYZ	73.4996, 65.6959, 92.0258
YIQ	216.3680, 14.4840, 23.8600

Conversions

Conversions Part 2

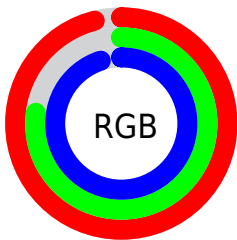
Format	Color
R_{YB}	245, 197, 241
Decimal	16106993
CIE Lab	84.84, 24.28, -15.23
CIE LCh	85, 28.659, 327.896
Yxy	65.6959, 0.3179, 0.2841
Android (android.graphics.Color)	4294297073 (0xFFFF5C5F1)
YUV	216.3680, 12.1436, 25.1103
Hunter-Lab	81.0530, 20.0227, -10.5795

Details

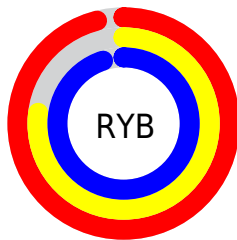
The XYZ color **73.4996, 65.6959, 92.0258** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **66.2236, 81.3940, 67.4822**, and the grayscale version is **65.4357, 68.8434, 74.9705**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **39.3185, 33.8391, 50.3582** is the 20% darker color. If you saturate the color by 10%, you get **68.0796, 55.3402, 88.7233**, and if you desaturate by 10%, it is **79.8311, 77.8668, 95.6504**.

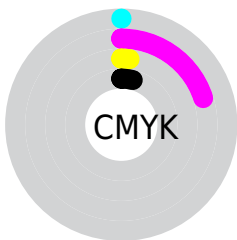
Distribution



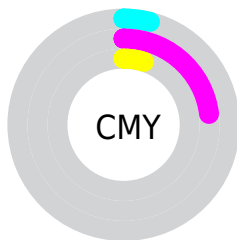
- Red (96%)
- Green (77%)
- Blue (95%)



- Red (96%)
- Yellow (77%)
- Blue (95%)



- Cyan (0%)
- Magenta (20%)
- Yellow (2%)
- Black (4%)





- Cyan (4%)
- Magenta (23%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.4996, 65.6959, 92.0258 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 73.4996, 65.6959, 92.0258 by changing the saturation by 10% instead.


 73.4996, 65.6959,
92.0258

 73.4996, 65.6959,
92.0258


461.8215,
445.2885, 555.3381

 54.6744, 48.0256,
69.0789


123.1855,
113.0498, 152.1092

 39.3739, 33.8471,
50.3038


154.7769,
143.5021, 190.0827

 27.2328, 22.7762,
35.2820


191.3545,
178.9839, 233.9022

 17.8856, 14.4283,
23.5949

233.2835,
219.8795, 283.9862

 10.9671, 8.4192,
14.8240

280.9294,
266.5734, 340.7533

 6.1118, 4.3643,
8.5507

334.6574,

 2.9545, 1.8794,

319.4499, 404.6219

4.3565

394.8330,
378.8935, 476.0107

■ 1.1297, 0.5359,
1.8229

■ 0.0498, 0.0000,
0.4430

■ 73.4996, 65.6959,
92.0258

■ 73.4996, 65.6959,
92.0258

■ 68.0796, 55.3402,
88.7233

■ 79.8311, 77.8668,
95.6504

■ 63.5214, 46.7038,
85.7242

■ 87.1087, 91.9257,
99.6066

■ 59.7799, 39.6953,
83.0141

■ 90.2248, 97.6560,
102.1926

■ 56.8032, 34.2111,
80.5756

■ 90.5419, 97.7828,
103.8627

■ 54.5337, 30.1357,
78.3896

■ 90.8625, 97.9111,
105.5509

■ 52.9054, 27.3375,
76.4338

■ 91.1866, 98.0407,
107.2575

■ 51.8400, 25.6597,
74.6822

■ 91.4667, 98.1527,
108.7323

■ 51.2126, 24.8525,
73.0931

■ 51.1903, 24.8262,
73.0294

Harmonies

Analogous

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



68.4007, 65.6959, 107.5695



73.4996, 65.6959, 92.0258



75.6159, 65.6959, 72.8383

Triad

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



73.4996, 65.6959, 92.0258



62.8966, 65.6959, 41.6859



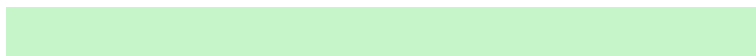
52.1498, 65.6959, 89.3904

Complementary

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



73.4996, 65.6959, 92.0258



66.2236, 81.3940, 67.4822

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.



50.8946, 65.6959, 70.2407



73.4996, 65.6959, 92.0258



56.8398, 65.6959, 44.6025

Square

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



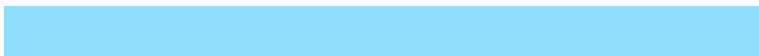
73.4996, 65.6959, 92.0258



69.2388, 65.6959, 45.5572



52.5530, 65.6959, 54.3313



56.1052, 65.6959, 105.8737

Rectangle

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



73.4996, 65.6959, 92.0258



74.9484, 65.6959, 61.2034



52.5530, 65.6959, 54.3313



51.4105, 65.6959, 82.9610

Sweetspot

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



73.5016, 65.6988, 92.0272



90.1572, 90.5418, 106.2596



60.5380, 58.9460, 94.5743



19.1883, 19.1692, 22.6841



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.



73.5016, 65.6988, 92.0272



77.7268, 66.6504, 99.1279



70.1491, 64.3578, 74.3733



17.1505, 16.7431, 20.5393



27.6021, 13.3843, 39.4748



2.4432, 1.1833, 3.5604

Inverse Universe

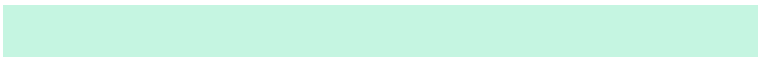
The Inverse Universe completely reimagines the original color for something new.



73.5016, 65.6988, 92.0272



77.7268, 66.6504, 99.1279



69.2713, 82.6131, 83.5314



17.1505, 16.7431, 20.5393



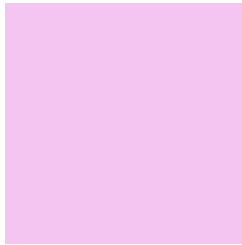
27.6021, 13.3843, 39.4748



2.4432, 1.1833, 3.5604

Previews

White Background



This preview shows how the XYZ color 73.4996, 65.6959, 92.0258 looks on a white background.

Color Contrast Check

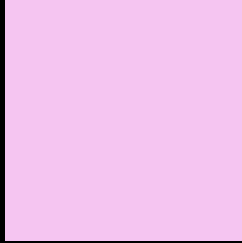
Large Text (above 18pt) WCAG AA × Fail

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 73.4996, 65.6959, 92.0258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

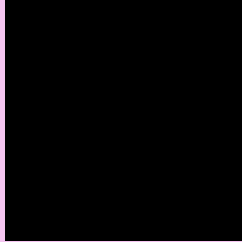
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.4996, 65.6959, 92.0258

Background



This preview shows how black text looks on a background with the XYZ color 73.4996, 65.6959, 92.0258.



This preview shows how white text looks on a background with the XYZ color 73.4996, 65.6959,

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

73.4996, 65.6959, 92.0258

Protanopia

65.2038, 65.8327, 99.7129

Deuteranopia

67.4080, 66.0733, 90.8620



Tritanopia

70.0290, 65.6603, 74.6284

Trichromacy



Original Color

73.4996, 65.6959, 92.0258

Protanomaly

67.8332, 65.4381, 97.0513

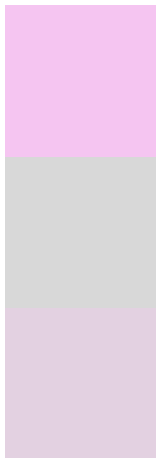
Deuteranomaly

69.3972, 65.6612, 91.4543

Tritanomaly

71.3439, 65.8542, 80.9024

Monochromacy



Original Color

73.4996, 65.6959, 92.0258

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

68.0696, 67.3681, 80.6498

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.4996, 65.6959, 92.0258 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(245, 197, 241)` looks like.

```
.text, #text, p{  
    color:rgb(245, 197, 241)  
}
```

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(245, 197, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 197, 241) }
```

Border

The CSS property to change the border of an element to XYZ 73.4996, 65.6959, 92.0258 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(245, 197, 241) }
```


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

```
.border{ border-color:rgb(245, 197, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 197, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 197, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 197, 241);  
box-shadow:4px 4px 4px 4px rgb(245, 197,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 73.4996, 65.6959, 92.0258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 197, 241) }
```

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

```
.background{ background-color: rgb(245,  
197, 241) }
```

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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