

Converting Colors

XYZ(72.8366, 66.2129, 95.0494)

Have a look what the booklet for
XYZ(72.8366, 66.2129, 95.0494)
contains.

XYZ(73.0709, 66.4264, 95.3565)	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(73.0709, 66.4264,
95.3565)**

Conversions

Conversions Part 1

Format	Color
Hex	F0C8F5
RGB	240, 200, 245
RGB Percent	94%, 78%, 96%
CMY	0.0588, 0.2157, 0.0392
CMYK	0.02, 0.18, 0.00, 0.04
HSL	293°, 69%, 87%
HSV	293°, 18%, 96%
XYZ	73.0709, 66.4264, 95.3565
YIQ	217.0900, 9.3950, 22.4750

Conversions

Conversions Part 2

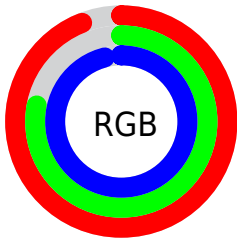
Format	Color
R _Y B	240, 200, 245
Decimal	15780085
CIE Lab	85.21, 21.78, -16.84
CIE LCh	85, 27.531, 322.280
Yxy	66.4264, 0.3111, 0.2828
Android (android.graphics.Color)	4293970165 (0xFFFF0C8F5)
YUV	217.0900, 13.7596, 20.0921
Hunter-Lab	81.5024, 17.4048, -12.3167

Details

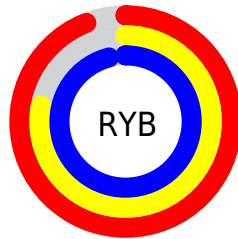
The XYZ color **73.0709, 66.4264, 95.3565** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **68.2569, 82.4558, 66.9649**, and the grayscale version is **65.9209, 69.3539, 75.5264**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.2314, 34.4222, 52.7206** is the 20% darker color. If you saturate the color by 10%, you get **66.9286, 55.5023, 93.5727**, and if you desaturate by 10%, it is **80.1403, 79.1817, 97.4469**.

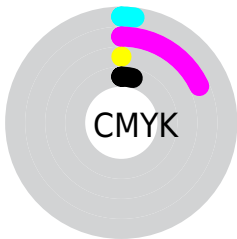
Distribution



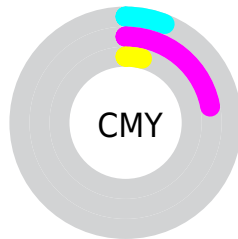
- Red (94%)
- Green (78%)
- Blue (96%)



- Red (94%)
- Yellow (78%)
- Blue (96%)



- Cyan (2%)
- Magenta (18%)
- Yellow (0%)
- Black (4%)



- Cyan (6%)
- Magenta (22%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.0709, 66.4264, 95.3565 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 73.0709, 66.4264, 95.3565 by changing the saturation by 10% instead.

73.0709, 66.4264,
95.3565

73.0709, 66.4264,
95.3565

460.3605,
447.9003, 566.3191

54.3225, 48.6186,
71.8332

122.5804,
114.0981, 156.7568

39.0913, 34.3170,
52.5364

154.0723,
144.7308, 195.4710

27.0118, 23.1373,
37.0476

190.5427,
180.4073, 240.0858

17.7187, 14.6949,
24.9483

232.3571,
221.5120, 291.0198

10.8467, 8.6055,
15.8199

279.8807,
268.4293, 348.6916

6.0304, 4.4848,
9.2438

333.4788,

2.9044, 1.9483,

321.5434, 413.5198

4.8016

393.5170,
381.2390, 485.9227

■ 1.1034, 0.5772,
2.0746

■ 0.0280, 0.0000,
0.6006

■ 73.0709, 66.4264,
95.3565

■ 73.0709, 66.4264,
95.3565

■ 66.9286, 55.5023,
93.5727

■ 80.1403, 79.1817,
97.4469

■ 61.6640, 46.3144,
92.0767

■ 88.1711, 93.8403,
99.8530

■ 57.2324, 38.7721,
90.8544

■ 91.0127, 98.0999,
100.5255

■ 53.5826, 32.7730,
89.8889

■ 91.9858, 98.6015,
100.5710

■ 50.6577, 28.2033,
89.1610

■ 92.9731, 99.1105,
100.6172

■ 48.3928, 24.9337,
88.6493

■ 93.4816, 99.3726,
100.6410

■ 46.7114, 22.8110,
88.3282

■ 45.5056, 21.6196,
88.1617

■ 45.3291, 21.4641,
88.1410

Harmonies

Analogous

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



67.7773, 66.4264, 108.8524



73.0709, 66.4264, 95.3565



75.7368, 66.4264, 77.0235

Triad

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



73.0709, 66.4264, 95.3565



64.7555, 66.4264, 43.4322



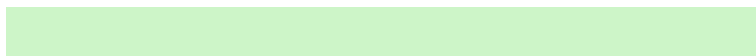
52.7092, 66.4264, 86.0974

Complementary

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



73.0709, 66.4264, 95.3565



68.2569, 82.4558, 66.9649

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.



52.0171, 66.4264, 67.8256



73.0709, 66.4264, 95.3565



58.7121, 66.4264, 45.0502

Square

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



73.0709, 66.4264, 95.3565



70.7350, 66.4264, 48.4878



54.1456, 66.4264, 53.3404



56.1023, 66.4264, 102.9246

Rectangle

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



73.0709, 66.4264, 95.3565



75.5505, 66.4264, 65.2877



54.1456, 66.4264, 53.3404



52.1624, 66.4264, 79.8550

Sweetspot

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



73.0729, 66.4293, 95.3579



89.7392, 90.3027, 107.3081



62.1948, 62.6575, 95.2032



19.0891, 19.1125, 22.9329



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.



73.0729, 66.4293, 95.3579



77.4343, 68.1177, 103.6746



72.2814, 66.3115, 82.2088



17.0217, 16.6693, 20.8629



24.4933, 11.6011, 47.4863



2.2034, 1.0458, 4.1760

Inverse Universe

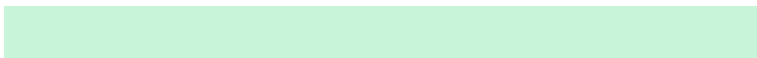
The Inverse Universe completely reimagines the original color for something new.



69.3322, 65.1318, 66.6782



72.6760, 66.4751, 66.8425



69.0311, 82.6086, 78.1256



16.5740, 16.5124, 17.5032



20.4186, 10.5109, 1.6468



1.8187, 0.9334, 0.2714

Previews

White Background



This preview shows how the XYZ color 73.0709, 66.4264, 95.3565 looks on a white background.

Color Contrast Check

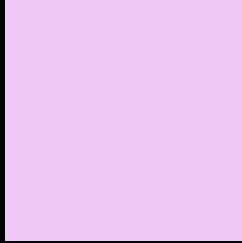
Large Text (above 18pt) WCAG AA × Fail

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 73.0709, 66.4264, 95.3565 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

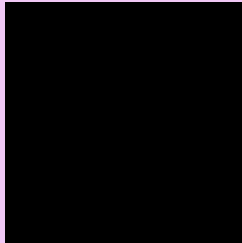
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.0709, 66.4264, 95.3565

Background



This preview shows how black text looks on a background with the XYZ color 73.0709, 66.4264, 95.3565.



This preview shows how white text looks on a background with the XYZ color 73.0709, 66.4264,

95.3565.

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

73.0709, 66.4264, 95.3565

Protanopia

66.0418, 66.5959, 101.4690

Deuteranopia

68.0984, 66.7035, 94.8738



Tritanopia

69.1032, 66.1859, 76.8432

Trichromacy



Original Color

73.0709, 66.4264, 95.3565

Protanomaly

68.3251, 66.3706, 98.8322

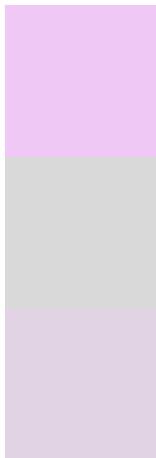
Deuteranomaly

69.8390, 66.5252, 94.7477

Tritanomaly

70.4238, 66.3735, 83.2284

Monochromacy



Original Color

73.0709, 66.4264, 95.3565

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

68.2107, 68.1421, 82.2307

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.0709, 66.4264, 95.3565 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(240, 200, 245)` looks like.

```
.text, #text, p{  
    color:rgb(240, 200, 245)  
}
```

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(240, 200, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 200, 245) }
```

Border

The CSS property to change the border of an element to XYZ 73.0709, 66.4264, 95.3565 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(240, 200, 245) }
```


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

```
.border{ border-color:rgb(240, 200, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 200, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 200, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 200, 245);  
box-shadow:4px 4px 4px 4px rgb(240, 200,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 73.0709, 66.4264, 95.3565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 200, 245) }
```

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

```
.background{ background-color: rgb(240,  
200, 245) }
```

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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