

Converting Colors

XYZ(73.0951, 68.2752, 91.7648)

Have a look what the booklet for
XYZ(73.0951, 68.2752, 91.7648)
contains.

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Color

**XYZ(73.1561, 68.3046,
91.7664)**

Conversions

Conversions Part 1

Format	Color
Hex	EFCDF0
RGB	239, 205, 240
RGB Percent	94%, 80%, 94%
CMY	0.0627, 0.1961, 0.0588
CMYK	0.00, 0.15, 0.00, 0.06
HSL	298°, 54%, 87%
HSV	298°, 15%, 94%
XYZ	73.1561, 68.3046, 91.7664
YIQ	219.1560, 9.0290, 18.0930

Conversions

Conversions Part 2

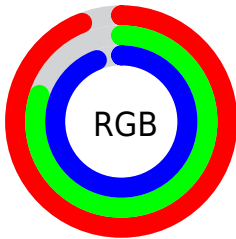
Format	Color
R _{YB}	239, 205, 240
Decimal	15715824
CIE _{Lab}	86.16, 17.88, -12.78
CIE _{LCh}	86, 21.980, 324.443
Yxy	68.3046, 0.3137, 0.2929
Android (android.graphics.Color)	4293905904 (0xFFEFCDF0)
YUV	219.1560, 10.2761, 17.4032
Hunter-Lab	82.6466, 13.3709, -7.9799

Details

The XYZ color **73.1561, 68.3046, 91.7664** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **67.6355, 79.8515, 69.6091**, and the grayscale version is **67.3684, 70.8768, 77.1849**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.2468, 35.6612, 50.1622** is the 20% darker color. If you saturate the color by 10%, you get **67.6195, 57.5731, 89.9878**, and if you desaturate by 10%, it is **79.5783, 80.8036, 93.8415**.

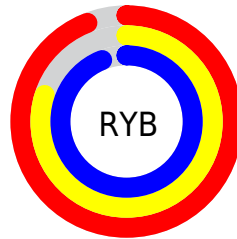
Distribution



Red (94%)

Green (80%)

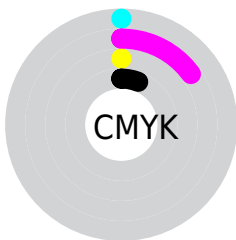
Blue (94%)



Red (94%)

Yellow (80%)

Blue (94%)

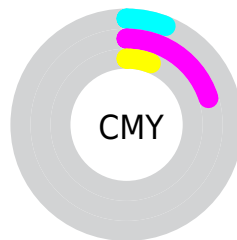


Cyan (0%)

Magenta (15%)

Yellow (0%)

Black (6%)



Cyan (6%)


Magenta (20%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.1561, 68.3046, 91.7664 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 73.1561, 68.3046, 91.7664 by changing the saturation by 10% instead.


 73.1561, 68.3046,
91.7664

 73.1561, 68.3046,
91.7664


460.6511,
454.5745, 554.4780

 54.3924, 50.1456,
68.8647


122.7007,
116.7878, 151.7465

 39.1474, 35.5291,
50.1304

154.2124,
147.8807, 189.6619

 27.0557, 24.0707,
35.1451


190.7041,
184.0538, 233.4190

 17.7518, 15.3861,
23.4903

232.5413,
225.6914, 283.4362

 10.8706, 9.0908,
14.7472

280.0892,
273.1778, 340.1322

 6.0465, 4.8005,
8.4975

333.7132,

 2.9143, 2.1307,

326.8976, 403.9255

4.3226

393.7787,
387.2350, 475.2345

■ 1.1086, 0.6818,
1.8039

■ 0.0323, 0.0000,
0.4306

■ 73.1561, 68.3046,
91.7664

■ 73.1561, 68.3046,
91.7664

■ 67.6195, 57.5731,
89.9878

■ 79.5783, 80.8036,
93.8415

■ 62.9222, 48.5203,
88.4880

■ 86.9172, 95.1360,
96.2211

■ 59.0233, 41.0629,
87.2541

■ 87.7839, 96.5224,
96.4430

■ 55.8759, 35.1070,
86.2704

■ 88.0184, 96.6433,
96.4540

53.4281, 30.5491,
85.5197

88.2538, 96.7646,
96.4650

51.6216, 27.2725,
84.9824

88.4901, 96.8864,
96.4761

50.3885, 25.1416,
84.6361

88.7273, 97.0087,
96.4872

49.6459, 23.9902,
84.4530

88.9654, 97.1314,
96.4983

49.3804, 23.6396,
84.3993

89.2043, 97.2546,
96.5095

Harmonies

Analogous

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



69.0279, 68.3046, 102.7081



73.1561, 68.3046, 91.7664



75.0864, 68.3046, 77.1010

Triad

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



73.1561, 68.3046, 91.7664



65.8675, 68.3046, 49.9596



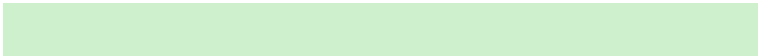
56.4670, 68.3046, 86.4982

Complementary

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



73.1561, 68.3046, 91.7664



67.6355, 79.8515, 69.6091

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.



55.7181, 68.3046, 71.7083



73.1561, 68.3046, 91.7664



60.9812, 68.3046, 51.7953

Square

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



73.1561, 68.3046, 91.7664



70.7406, 68.3046, 53.9428



57.3292, 68.3046, 59.3277



59.4306, 68.3046, 99.4006

Rectangle

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



73.1561, 68.3046, 91.7664



74.7985, 68.3046, 67.6416



57.3292, 68.3046, 59.3277



55.9546, 68.3046, 81.5349

Sweetspot

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



73.1581, 68.3076, 91.7679



91.7748, 93.6087, 107.8390



63.0194, 63.4967, 91.3737



19.5158, 19.7870, 23.0406



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.



73.1581, 68.3076, 91.7679



82.2920, 75.1581, 104.7774



71.1780, 67.5546, 79.5743



16.4070, 16.0071, 19.9465



27.0517, 12.9511, 46.2019



2.2644, 1.0846, 3.8442

Inverse Universe

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



68.9094, 66.6472, 67.6279



76.6921, 72.9706, 72.9190



69.4348, 80.5392, 80.5281



15.7911, 15.7662, 16.4562



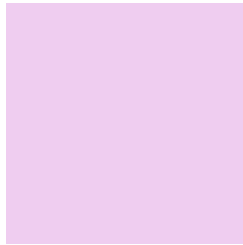
19.7002, 10.1525, 1.0719



1.6453, 0.8471, 0.1228

Previews

White Background



This preview shows how the XYZ color 73.1561, 68.3046, 91.7664 looks on a white background.

Color Contrast Check

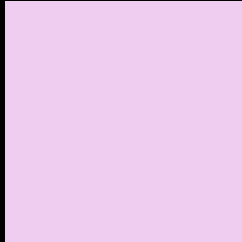
Large Text (above 18pt) WCAG AA × Fail

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 73.1561, 68.3046, 91.7664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

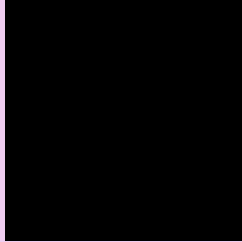
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.1561, 68.3046, 91.7664

Background



This preview shows how black text looks on a background with the XYZ color 73.1561, 68.3046, 91.7664.



This preview shows how white text looks on a background with the XYZ color 73.1561, 68.3046,

91.7664.

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

73.1561, 68.3046, 91.7664

Protanopia

67.5451, 68.5958, 96.8691

Deuteranopia

69.9906, 68.4939, 91.1931



Tritanopia

70.9355, 68.4981, 80.0038

Trichromacy



Original Color

73.1561, 68.3046, 91.7664

Protanomaly

69.4422, 68.4923, 95.1483

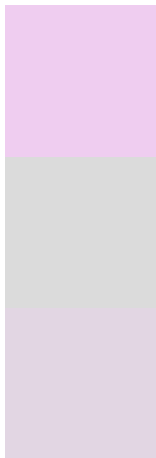
Deuteranomaly

71.0909, 68.3327, 91.1040

Tritanomaly

71.8556, 68.5160, 84.3006

Monochromacy



Original Color

73.1561, 68.3046, 91.7664

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

69.2757, 69.8079, 82.4961

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.1561, 68.3046, 91.7664 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(239, 205, 240)` looks like.

```
.text, #text, p{  
    color:rgb(239, 205, 240)  
}
```

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(239, 205, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 205, 240) }
```

Border

The CSS property to change the border of an element to XYZ 73.1561, 68.3046, 91.7664 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(239, 205, 240) }
```


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

```
.border{ border-color:rgb(239, 205, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 205, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 205, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 205, 240);  
box-shadow:4px 4px 4px 4px rgb(239, 205,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 73.1561, 68.3046, 91.7664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 205, 240) }
```

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

```
.background{ background-color: rgb(239,  
205, 240) }
```

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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