

Converting Colors

XYZ(71.2645, 65.3738, 85.2063)

Have a look what the booklet for
XYZ(71.2645, 65.3738, 85.2063)
contains.

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Color

**XYZ(71.2645, 65.3738,
85.2063)**

Conversions

Conversions Part 1

Format	Color
Hex	F1C7E8
RGB	241, 199, 232
RGB Percent	95%, 78%, 91%
CMY	0.0549, 0.2196, 0.0902
CMYK	0.00, 0.17, 0.04, 0.05
HSL	313°, 60%, 86%
HSV	313°, 17%, 95%
XYZ	71.2645, 65.3738, 85.2063
YIQ	215.3200, 14.4390, 19.1670

Conversions

Conversions Part 2

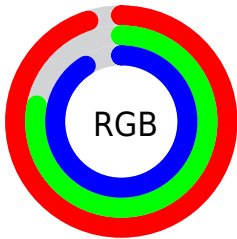
Format	Color
R _Y B	241, 199, 232
Decimal	15845352
CIE Lab	84.68, 20.29, -10.72
CIE LCh	85, 22.948, 332.139
Yxy	65.3738, 0.3212, 0.2947
Android (android.graphics.Color)	4294035432 (0xFFFF1C7E8)
YUV	215.3200, 8.2232, 22.5214
Hunter-Lab	80.8541, 15.8347, -5.8836

Details

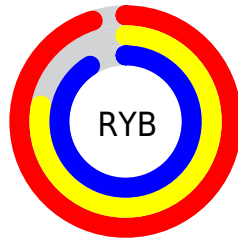
The XYZ color **71.2645, 65.3738, 85.2063** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **66.3962, 79.6085, 71.5446**, and the grayscale version is **64.7489, 68.1209, 74.1836**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.9695, 33.6997, 45.5778** is the 20% darker color. If you saturate the color by 10%, you get **65.4302, 54.8612, 79.6955**, and if you desaturate by 10%, it is **78.0023, 77.6570, 91.1262**.

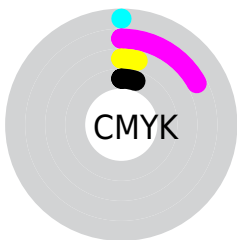
Distribution



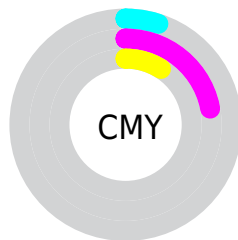
- Red (95%)
- Green (78%)
- Blue (91%)



- Red (95%)
- Yellow (78%)
- Blue (91%)



- Cyan (0%)
- Magenta (17%)
- Yellow (4%)
- Black (5%)





- Cyan (5%)
- Magenta (22%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.2645, 65.3738, 85.2063 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 71.2645, 65.3738, 85.2063 by changing the saturation by 10% instead.


 71.2645, 65.3738,
85.2063

 71.2645, 65.3738,
85.2063


454.1750,
444.1340, 532.4728

 52.8414, 47.7642,
63.4607


120.0267,
112.5871, 142.5381

 37.9031, 33.6402,
45.7706

151.0966,
142.9596, 178.9614

 26.0844, 22.6173,
31.7175


187.1127,
178.3553, 221.1143

 17.0198, 14.3112,
20.8828

228.4404,
219.1584, 269.4155

 10.3440, 8.3374,
12.8479

275.4452,
265.7535, 324.2834

 5.6916, 4.3116,
7.1944

328.4923,

 2.6974, 1.8494,

318.5248, 386.1365

3.5037

387.9471,
377.8569, 455.3935

■ 0.9958, 0.5177,
1.3572

■ 0.0000, 0.0000,
0.1080

■ 71.2645, 65.3738,
85.2063

■ 71.2645, 65.3738,
85.2063

■ 65.4302, 54.8612,
79.6955

■ 78.0023, 77.6570,
91.1262

■ 60.4522, 46.0279,
74.5748

■ 85.6766, 91.7792,
97.4647

■ 56.2877, 38.7878,
69.8299

■ 88.9012, 96.9670,
102.4282

■ 52.8879, 33.0434,
65.4436

■ 89.7116, 97.2912,
106.6960

■ 50.1986, 28.6866,
61.3968

■ 90.0861, 97.4410,
108.6677

■ 48.1582, 25.5948,
57.6680

■ 46.6945, 23.6236,
54.2323

■ 45.7125, 22.5833,
51.0570

■ 45.4997, 22.3905,
50.2690

Harmonies

Analogous

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



67.5287, 65.3738, 97.8621



71.2645, 65.3738, 85.2063



72.5163, 65.3738, 70.1326

Triad

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



71.2645, 65.3738, 85.2063



61.7687, 65.3738, 46.5323



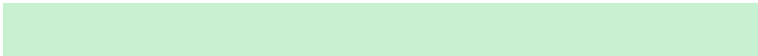
54.1570, 65.3738, 87.2801

Complementary

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



71.2645, 65.3738, 85.2063



66.3962, 79.6085, 71.5446

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.



52.7965, 65.3738, 72.2397



71.2645, 65.3738, 85.2063



57.0380, 65.3738, 49.8520

Square

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



71.2645, 65.3738, 85.2063



66.8574, 65.3738, 49.0257



53.8220, 65.3738, 58.7859



57.6420, 65.3738, 99.1705

Rectangle

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



71.2645, 65.3738, 85.2063



71.7212, 65.3738, 61.0632



53.8220, 65.3738, 58.7859



53.4450, 65.3738, 82.3588

Sweetspot

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



71.2664, 65.3767, 85.2077



90.6797, 91.9584, 105.2884



62.1474, 60.5241, 91.6269



19.2824, 19.4502, 22.4295



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.



71.2664, 65.3767, 85.2077



78.4886, 69.7462, 94.5350



68.5345, 64.2839, 70.8218



16.3007, 15.9700, 19.1399



24.7249, 12.1624, 27.5316



2.0926, 1.0261, 2.4783

Inverse Universe

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



71.2664, 65.3767, 85.2077



78.4886, 69.7462, 94.5350



69.0699, 80.6780, 85.6242



16.3007, 15.9700, 19.1399



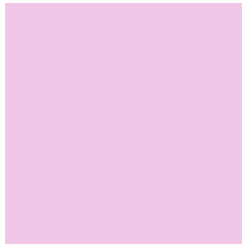
24.7249, 12.1624, 27.5316



2.0926, 1.0261, 2.4783

Previews

White Background



This preview shows how the XYZ color 71.2645, 65.3738, 85.2063 looks on a white background.

Color Contrast Check

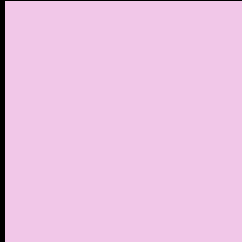
Large Text (above 18pt) WCAG AA × Fail

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 71.2645, 65.3738, 85.2063 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

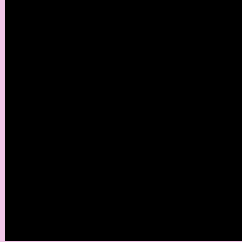
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.2645, 65.3738, 85.2063

Background



This preview shows how black text looks on a background with the XYZ color 71.2645, 65.3738, 85.2063.



This preview shows how white text looks on a background with the XYZ color 71.2645, 65.3738,

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

71.2645, 65.3738, 85.2063

Protanopia

64.3587, 65.5906, 90.9295

Deuteranopia

66.9265, 65.6001, 84.7360



Tritanopia

69.2415, 65.6015, 74.6586

Trichromacy



Original Color

71.2645, 65.3738, 85.2063

Protanomaly

66.4250, 65.2588, 88.4521

Deuteranomaly

68.4129, 65.3044, 84.6006

Tritanomaly

70.0066, 65.5725, 78.0742

Monochromacy



Original Color

71.2645, 65.3738, 85.2063

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

66.5921, 66.6687, 77.7652

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.2645, 65.3738, 85.2063 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(241, 199, 232)` looks like.

```
.text, #text, p{  
    color:rgb(241, 199, 232)  
}
```

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(241, 199, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 199, 232) }
```

Border

The CSS property to change the border of an element to XYZ 71.2645, 65.3738, 85.2063 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(241, 199, 232) }
```


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

```
.border{ border-color:rgb(241, 199, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 199, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 199, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 199, 232);  
box-shadow:4px 4px 4px 4px rgb(241, 199,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 71.2645, 65.3738, 85.2063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 199, 232) }
```

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

```
.background{ background-color: rgb(241,  
199, 232) }
```

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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