

Converting Colors

XYZ(72.8757, 63.7726, 85.5741)

Have a look what the booklet for
XYZ(72.8757, 63.7726, 85.5741)
contains.

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Color

**XYZ(72.9820, 63.9065,
85.5794)**

Conversions

Conversions Part 1

Format	Color
Hex	FAC0E9
RGB	250, 192, 233
RGB Percent	98%, 75%, 91%
CMY	0.0196, 0.2470, 0.0863
CMYK	0.00, 0.23, 0.07, 0.02
HSL	318°, 85%, 87%
HSV	318°, 23%, 98%
XYZ	72.9820, 63.9065, 85.5794
YIQ	214.0160, 21.4070, 25.0470

Conversions

Conversions Part 2

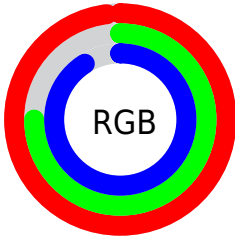
Format	Color
R_{YB}	250, 192, 233
Decimal	16433385
CIE _{Lab}	83.92, 27.18, -12.30
CIE _{LCh}	84, 29.833, 335.648
Yxy	63.9065, 0.3281, 0.2873
Android (android.graphics.Color)	4294623465 (0xFFFA0E9)
YUV	214.0160, 9.3591, 31.5580
Hunter-Lab	79.9415, 23.0625, -7.5123

Details

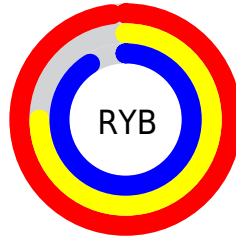
The XYZ color **72.9820, 63.9065, 85.5794** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **67.4351, 84.1830, 73.0202**, and the grayscale version is **63.8579, 67.1835, 73.1628**.

A 20% lighter version of the original color is **93.1657, 96.2314, 108.2719**, and **39.0166, 32.6887, 45.8481** is the 20% darker color. If you saturate the color by 10%, you get **66.9272, 53.4368, 78.5033**, and if you desaturate by 10%, it is **80.0164, 76.2639, 93.1980**.

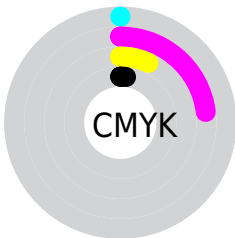
Distribution



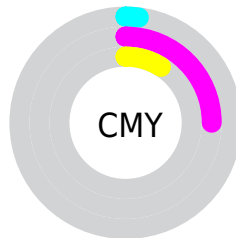
- Red (98%)
- Green (75%)
- Blue (91%)



- Red (98%)
- Yellow (75%)
- Blue (91%)



- Cyan (0%)
- Magenta (23%)
- Yellow (7%)
- Black (2%)





- Cyan (2%)
- Magenta (25%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.9820, 63.9065, 85.5794 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 72.9820, 63.9065, 85.5794 by changing the saturation by 10% instead.


 72.9820, 63.9065,
85.5794

 72.9820, 63.9065,
85.5794


460.0572,
438.8519, 533.7378

 54.2496, 46.5749,
63.7673


 122.4549,
110.4763, 143.0637

 39.0327, 32.6998,
46.0173


153.9261,
140.4833, 179.5731

 26.9660, 21.8965,
31.9107


190.3743,
175.4842, 221.8186

 17.6841, 13.7809,
21.0290

232.1648,
215.8635, 270.2189

 10.8218, 7.9684,
12.9538

279.6630,
262.0055, 325.1924

 6.0135, 4.0748,
7.2664

333.2342,

 2.8940, 1.7155,

314.2947, 387.1577

3.5483

393.2438,
373.1153, 456.5333

■ 1.0980, 0.4336,
1.3810

■ 0.0234, 0.0000,
0.1268

■ 72.9820, 63.9065,
85.5794

■ 72.9820, 63.9065,
85.5794

■ 66.9272, 53.4368,
78.5033

■ 80.0164, 76.2639,
93.1980

■ 61.7987, 44.7519,
71.9472

■ 88.0690, 90.5882,
101.3723

■ 57.5467, 37.7521,
65.8926

■ 93.2326, 99.0633,
108.8032

■ 54.1141, 32.3241,
60.3179

■ 93.2348, 99.0642,
108.8151

■ 51.4371, 28.3411,
55.1989

■ 49.4417, 25.6560,
50.5083

■ 48.0382, 24.0904,
46.2134

■ 47.3326, 23.4874,
43.4869

Harmonies

Analogous

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



68.3989, 63.9065, 103.2878



72.9820, 63.9065, 85.5794



74.1886, 63.9065, 66.0856

Triad

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



72.9820, 63.9065, 85.5794



59.5073, 63.9065, 39.4517



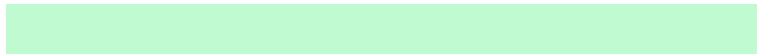
51.0503, 63.9065, 92.8503

Complementary

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



72.9820, 63.9065, 85.5794



67.4351, 84.1830, 73.0202

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.



49.0257, 63.9065, 73.2023



72.9820, 63.9065, 85.5794



53.6775, 63.9065, 44.1469

Square

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



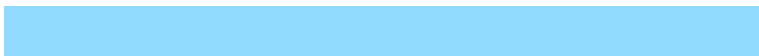
72.9820, 63.9065, 85.5794



66.0962, 63.9065, 41.5716



49.9519, 63.9065, 55.7161



55.6836, 63.9065, 107.9872

Rectangle

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



72.9820, 63.9065, 85.5794



72.8457, 63.9065, 55.0792



49.9519, 63.9065, 55.7161



50.0579, 63.9065, 86.4333

Sweetspot

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



72.9839, 63.9093, 85.5808



88.7865, 88.8028, 102.7127



62.2422, 58.0775, 98.3732



18.8938, 18.8113, 21.8735



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.



72.9839, 63.9093, 85.5808



73.1589, 61.3196, 85.8751



69.2435, 62.4132, 65.8842



17.7635, 17.4328, 20.6103



25.1723, 12.4847, 23.4136



2.3776, 1.1748, 2.4121

Inverse Universe

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



72.9839, 63.9093, 85.5808



73.1589, 61.3196, 85.8751



71.2755, 85.7192, 93.2437



17.7635, 17.4328, 20.6103



25.1723, 12.4847, 23.4136



2.3776, 1.1748, 2.4121

Previews

White Background



This preview shows how the XYZ color 72.9820, 63.9065, 85.5794 looks on a white background.

Color Contrast Check

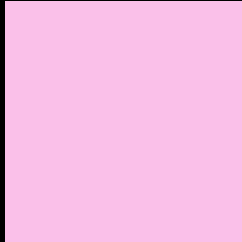
Large Text (above 18pt) WCAG AA × Fail

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 72.9820, 63.9065, 85.5794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

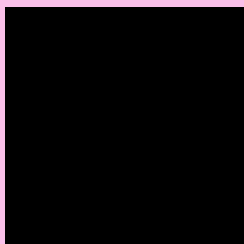
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.9820, 63.9065, 85.5794

Background



This preview shows how black text looks on a background with the XYZ color 72.9820, 63.9065, 85.5794.



This preview shows how white text looks on a background with the XYZ color 72.9820, 63.9065,

85.5794.

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

72.9820, 63.9065, 85.5794

Protanopia

63.3621, 64.2793, 93.8616

Deuteranopia

65.5319, 64.1709, 84.5336



Tritanopia

69.8556, 63.9572, 70.2912

Trichromacy



Original Color

72.9820, 63.9065, 85.5794



Protanomaly

66.2157, 63.6887, 90.4646



Deuteranomaly

68.1748, 64.1237, 85.1278



Tritanomaly

71.0127, 64.1011, 75.6478

Monochromacy



Original Color

72.9820, 63.9065, 85.5794



Achromatopsia

63.9157, 67.2443, 73.2291



Achromatomaly

66.8010, 65.6940, 77.5660

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.9820, 63.9065, 85.5794 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(250, 192, 233)` looks like.

```
.text, #text, p{  
    color:rgb(250, 192, 233)  
}
```

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(250, 192, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 192, 233) }
```

Border

The CSS property to change the border of an element to XYZ 72.9820, 63.9065, 85.5794 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(250, 192, 233) }
```


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

```
.border{ border-color:rgb(250, 192, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 192, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 192, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 192, 233);  
box-shadow:4px 4px 4px 4px rgb(250, 192,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 72.9820, 63.9065, 85.5794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 192, 233) }
```

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

```
.background{ background-color: rgb(250,  
192, 233) }
```

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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