

Converting Colors

XYZ(68.6119, 66.1480, 73.8843)

Have a look what the booklet for
XYZ(68.6119, 66.1480, 73.8843)
contains.

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Color

**XYZ(68.5796, 65.9765,
74.0859)**

Conversions

Conversions Part 1

Format	Color
Hex	ECCCD8
RGB	236, 204, 216
RGB Percent	93%, 80%, 85%
CMY	0.0745, 0.2000, 0.1529
CMYK	0.00, 0.14, 0.08, 0.07
HSL	338°, 46%, 86%
HSV	338°, 14%, 93%
XYZ	68.5796, 65.9765, 74.0859
YIQ	214.9360, 15.2200, 10.5160

Conversions

Conversions Part 2

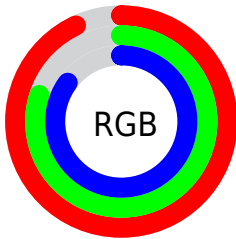
Format	Color
R _Y B	236, 204, 216
Decimal	15518936
CIE Lab	84.98, 13.18, -1.80
CIE LCh	85, 13.303, 352.232
Yxy	65.9765, 0.3287, 0.3162
Android (android.graphics.Color)	4293709016 (0xFFECCCD8)
YUV	214.9360, 0.5246, 18.4731
Hunter-Lab	81.2259, 8.5634, 2.7799

Details

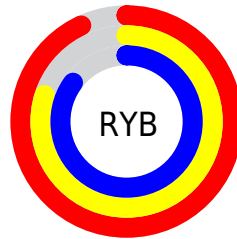
The XYZ color **68.5796, 65.9765, 74.0859** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.3544, 78.2118, 82.0186**, and the grayscale version is **64.5390, 67.9000, 73.9431**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.1618, 34.0892, 38.3922** is the 20% darker color. If you saturate the color by 10%, you get **61.5677, 54.8684, 62.7579**, and if you desaturate by 10%, it is **76.6165, 78.8588, 86.6019**.

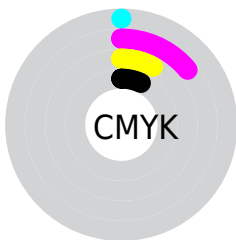
Distribution



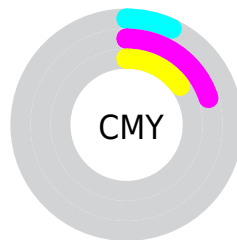
- Red (93%)
- Green (80%)
- Blue (85%)



- Red (93%)
- Yellow (80%)
- Blue (85%)



- Cyan (0%)
- Magenta (14%)
- Yellow (8%)
- Black (7%)



- Cyan (7%)
- Magenta (20%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.5796, 65.9765, 74.0859 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 68.5796, 65.9765, 74.0859 by changing the saturation by 10% instead.

68.5796, 65.9765,
74.0859

68.5796, 65.9765,
74.0859

444.8914,
446.2928, 493.9411

50.6448, 48.2533,
54.3671

116.2183,
113.4526, 126.7527

36.1459, 34.0275,
38.5001

146.6529,
143.9743, 160.5379

24.7175, 22.9148,
26.0662

181.9848,
179.5310, 199.8489

15.9943, 14.5306,
16.6470

222.5794,
220.5071, 245.1044

9.6110, 8.4906,
9.8238

268.8020,
267.2869, 296.7228

5.2021, 4.4104,
5.1782

321.0179,

2.4023, 1.9057,

320.2549, 355.1227

2.2916

379.5926,
379.7954, 420.7226

■ 0.8462, 0.5518,
0.7265

■ 0.0000, 0.0000,
0.0000

■ 68.5796, 65.9765,
74.0859

■ 68.5796, 65.9765,
74.0859

■ 61.5677, 54.8684,
62.7579

■ 76.6165, 78.8588,
86.6019

■ 55.5324, 45.4476,
52.5774

■ 85.7127, 93.5796,
100.3363

■ 50.4300, 37.6332,
43.5076

■ 88.4024, 96.5730,
108.5889

■ 46.2111, 31.3340,
35.5078

■ 42.8212, 26.4497,
28.5346

■ 40.1999, 22.8676,
22.5414

■ 38.2774, 20.4577,
17.4766

■ 36.9701, 19.0621,
13.2824

■ 36.3739, 18.5456,
10.9999

Harmonies

Analogous

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



67.3643, 65.9765, 82.4014



68.5796, 65.9765, 74.0859



68.1827, 65.9765, 65.7856

Triad

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



68.5796, 65.9765, 74.0859



60.5584, 65.9765, 57.6479



59.2528, 65.9765, 85.6554

Complementary

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



68.5796, 65.9765, 74.0859



68.3544, 78.2118, 82.0186

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.



57.5358, 65.9765, 78.2490



68.5796, 65.9765, 74.0859



58.2727, 65.9765, 62.2169

Square

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



68.5796, 65.9765, 74.0859



63.4890, 65.9765, 56.7263



57.1828, 65.9765, 69.6345



61.9348, 65.9765, 89.4183

Rectangle

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



68.5796, 65.9765, 74.0859



67.0628, 65.9765, 61.3285



57.1828, 65.9765, 69.6345



58.5472, 65.9765, 83.4825

Sweetspot

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



68.5815, 65.9794, 74.0873



90.8722, 93.2600, 102.5270



67.3934, 65.0498, 88.3615



19.2871, 19.6987, 21.6941



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.



68.5815, 65.9794, 74.0873



79.5495, 75.1394, 84.8035



67.9843, 67.1773, 66.5137



15.2990, 15.1475, 16.8601



20.1075, 10.2457, 6.3673



1.6242, 0.8227, 0.7386

Inverse Universe

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



68.5815, 65.9794, 74.0873



79.5495, 75.1394, 84.8035



68.9761, 76.7587, 90.5382



15.2990, 15.1475, 16.8601



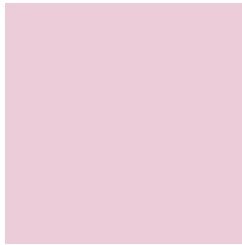
20.1075, 10.2457, 6.3673



1.6242, 0.8227, 0.7386

Previews

White Background



This preview shows how the XYZ color 68.5796, 65.9765, 74.0859 looks on a white background.

Color Contrast Check

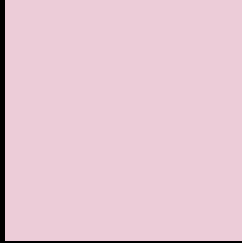
Large Text (above 18pt) WCAG AA × Fail

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 68.5796, 65.9765, 74.0859 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

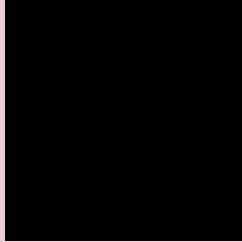
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.5796, 65.9765, 74.0859

Background



This preview shows how black text looks on a background with the XYZ color 68.5796, 65.9765, 74.0859.



This preview shows how white text looks on a background with the XYZ color 68.5796, 65.9765,

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

68.5796, 65.9765, 74.0859

Protanopia

63.9441, 66.0520, 77.0892

Deuteranopia

67.4210, 66.0894, 74.1688



Tritanopia

68.7342, 65.6592, 76.0686

Trichromacy



Original Color

68.5796, 65.9765, 74.0859

Protanomaly

65.4663, 65.7558, 76.2595

Deuteranomaly

67.8303, 65.9441, 74.1192

Tritanomaly

68.6029, 65.6067, 75.3773

Monochromacy



Original Color

68.5796, 65.9765, 74.0859

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

65.9914, 67.1828, 73.7794

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.5796, 65.9765, 74.0859 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(236, 204, 216)` looks like.

```
.text, #text, p{  
    color:rgb(236, 204, 216)  
}
```

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(236, 204, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 204, 216) }
```

Border

The CSS property to change the border of an element to XYZ 68.5796, 65.9765, 74.0859 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(236, 204, 216) }
```


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

```
.border{ border-color:rgb(236, 204, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 204, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 204, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 204, 216);  
box-shadow:4px 4px 4px 4px rgb(236, 204,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 68.5796, 65.9765, 74.0859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 204, 216) }
```

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

```
.background{ background-color: rgb(236,  
204, 216) }
```

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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