

Converting Colors

XYZ(68.0856, 65.3998, 72.6532)

Have a look what the booklet for
XYZ(68.0856, 65.3998, 72.6532)
contains.

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Color

**XYZ(68.0856, 65.3998,
72.6532)**

Conversions

Conversions Part 1

Format	Color
Hex	ECCBD6
RGB	236, 203, 214
RGB Percent	93%, 80%, 84%
CMY	0.0745, 0.2039, 0.1608
CMYK	0.00, 0.14, 0.09, 0.07
HSL	340°, 46%, 86%
HSV	340°, 14%, 93%
XYZ	68.0856, 65.3998, 72.6532
YIQ	214.1210, 16.1370, 10.4170

Conversions

Conversions Part 2

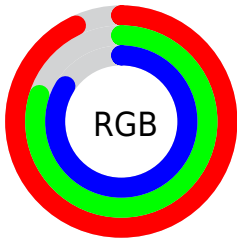
Format	Color
R _Y B	236, 203, 214
Decimal	15518678
CIE Lab	84.69, 13.37, -1.17
CIE LCh	85, 13.424, 355.019
Yxy	65.3998, 0.3303, 0.3173
Android (android.graphics.Color)	4293708758 (0xFFECCBD6)
YUV	214.1210, -0.0597, 19.1879
Hunter-Lab	80.8701, 8.7587, 3.3434

Details

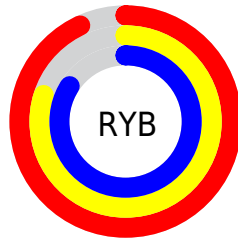
The XYZ color **68.0856, 65.3998, 72.6532** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.2172, 78.1253, 82.7223**, and the grayscale version is **63.9923, 67.3249, 73.3168**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.8278, 33.7014, 37.4176** is the 20% darker color. If you saturate the color by 10%, you get **61.0177, 54.3256, 60.8569**, and if you desaturate by 10%, it is **76.1998, 78.2542, 85.7576**.

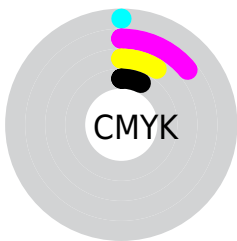
Distribution



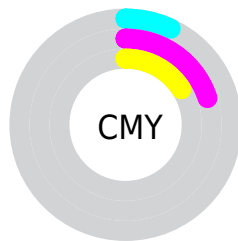
- Red (93%)
- Green (80%)
- Blue (84%)



- Red (93%)
- Yellow (80%)
- Blue (84%)



- Cyan (0%)
- Magenta (14%)
- Yellow (9%)
- Black (7%)



- Cyan (7%)
- Magenta (20%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.0856, 65.3998, 72.6532 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 68.0856, 65.3998, 72.6532 by changing the saturation by 10% instead.

68.0856, 65.3998,
72.6532

68.0856, 65.3998,
72.6532

443.1712,
444.2273, 488.8505

50.2413, 47.7853,
53.2023

115.5158,
112.6245, 124.7011

35.8238, 33.6569,
37.5755

145.8325,
143.0034, 158.1352

24.4676, 22.6302,
25.3541

181.0373,
178.4060, 197.0675

15.8074, 14.3207,
16.1197

221.4956,
219.2167, 241.9165

9.4780, 8.3440,
9.4536

267.5728,
265.8197, 293.1008

5.1138, 4.3159,
4.9374

319.6342,

2.3497, 1.8518,

318.5996, 351.0389

2.1525

378.0453,
377.9406, 416.1492

■ 0.8199, 0.5191,
0.6467

■ 0.0000, 0.0000,
0.0000

■ 68.0856, 65.3998,
72.6532

■ 68.0856, 65.3998,
72.6532

■ 61.0177, 54.3256,
60.8569

■ 76.1998, 78.2542,
85.7576

■ 54.9467, 44.9441,
50.3230

■ 85.3957, 92.9537,
100.2056

■ 49.8277, 37.1738,
41.0090

■ 88.4024, 96.5730,
108.5889

■ 45.6098, 30.9226,
32.8683

■ 42.2374, 26.0893,
25.8511

■ 39.6481, 22.5600,
19.9036

■ 37.7706, 20.2033,
14.9666

■ 36.5186, 18.8592,
10.9736

■ 35.9909, 18.3924,
8.9831

Harmonies

Analogous

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



67.0073, 65.3998, 81.1057



68.0856, 65.3998, 72.6532



67.5351, 65.3998, 64.4491

Triad

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



68.0856, 65.3998, 72.6532



59.7529, 65.3998, 57.2647



58.9120, 65.3998, 85.6196

Complementary

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



68.0856, 65.3998, 72.6532



68.2172, 78.1253, 82.7223

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.



57.0789, 65.3998, 78.4264



68.0856, 65.3998, 72.6532



57.5534, 65.3998, 62.1525

Square

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



68.0856, 65.3998, 72.6532



62.6627, 65.3998, 55.9878



56.5896, 65.3998, 69.7846



61.6611, 65.3998, 88.9661

Rectangle

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



68.0856, 65.3998, 72.6532



66.3276, 65.3998, 60.1522



56.5896, 65.3998, 69.7846



58.1718, 65.3998, 83.5446

Sweetspot

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



68.0875, 65.4027, 72.6546



90.8061, 93.2335, 102.1789



67.5499, 64.7787, 88.3009



19.2704, 19.6920, 21.6061



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.



68.0875, 65.4027, 72.6546



78.4368, 73.6684, 82.1062



68.0518, 67.5035, 65.9462



15.2725, 15.1369, 16.7203



19.8923, 10.1596, 5.2340



1.6052, 0.8150, 0.6384

Inverse Universe

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



68.0875, 65.4027, 72.6546



78.4368, 73.6684, 82.1062



68.2073, 75.6268, 90.3602



15.2725, 15.1369, 16.7203



19.8923, 10.1596, 5.2340



1.6052, 0.8150, 0.6384

Previews

White Background



This preview shows how the XYZ color 68.0856, 65.3998, 72.6532 looks on a white background.

Color Contrast Check

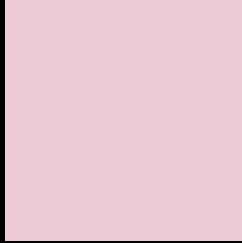
Large Text (above 18pt) WCAG AA × Fail

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 68.0856, 65.3998, 72.6532 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 68.0856, 65.3998, 72.6532

Background



This preview shows how black text looks on a background with the XYZ color 68.0856, 65.3998, 72.6532.



This preview shows how white text looks on a background with the XYZ color 68.0856, 65.3998,

72.6532.

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

68.0856, 65.3998, 72.6532

Protanopia

63.1421, 65.3013, 75.6061

Deuteranopia

66.9239, 65.5066, 72.7351



Tritanopia

68.7005, 65.3075, 75.3144

Trichromacy



Original Color

68.0856, 65.3998, 72.6532

Protanomaly

64.6560, 65.0076, 74.7856

Deuteranomaly

67.3347, 65.3644, 72.6860

Tritanomaly

68.5700, 65.2553, 74.6272

Monochromacy



Original Color

68.0856, 65.3998, 72.6532

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

65.3084, 66.4778, 73.0077

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.0856, 65.3998, 72.6532 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, 203, 214)` looks like.

```
.text, #text, p{  
    color:rgb(236, 203, 214)  
}
```

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, 203, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 203, 214) }
```

Border

The CSS property to change the border of an element to XYZ 68.0856, 65.3998, 72.6532 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, 203, 214) }
```


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

```
.border{ border-color:rgb(236, 203, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 203, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 203, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 203, 214);  
box-shadow:4px 4px 4px 4px rgb(236, 203,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 68.0856, 65.3998, 72.6532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 203, 214) }
```

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

```
.background{ background-color: rgb(236,  
203, 214) }
```

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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