

Converting Colors

XYZ(65.5398, 61.7852, 72.8162)

Have a look what the booklet for
XYZ(65.5398, 61.7852, 72.8162)
contains.

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Color

**XYZ(65.6099, 61.7098,
72.7431)**

Conversions

Conversions Part 1

Format	Color
Hex	E9C4D7
RGB	233, 196, 215
RGB Percent	91%, 77%, 84%
CMY	0.0863, 0.2314, 0.1569
CMYK	0.00, 0.16, 0.08, 0.09
HSL	329°, 46%, 84%
HSV	329°, 16%, 91%
XYZ	65.6099, 61.7098, 72.7431
YIQ	209.2290, 15.9530, 13.7530

Conversions

Conversions Part 2

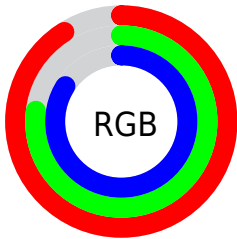
Format	Color
R_{YB}	233, 196, 215
Decimal	15320279
CIE _{Lab}	82.76, 16.20, -4.57
CIE _{LCh}	83, 16.836, 344.264
Yxy	61.7098, 0.3279, 0.3085
Android (android.graphics.Color)	4293510359 (0xFFE9C4D7)
YUV	209.2290, 2.8451, 20.8472
Hunter-Lab	78.5556, 11.6116, 0.0859

Details

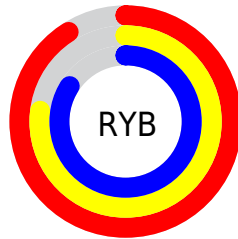
The XYZ color **65.6099, 61.7098, 72.7431** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **64.0439, 74.8702, 74.6978**, and the grayscale version is **60.7300, 63.8927, 69.5791**.

A 20% lighter version of the original color is **94.4153, 98.7306, 108.6884**, and **34.1496, 31.2312, 37.4860** is the 20% darker color. If you saturate the color by 10%, you get **59.3507, 51.4417, 63.7173**, and if you desaturate by 10%, it is **72.7898, 73.6560, 82.5753**.

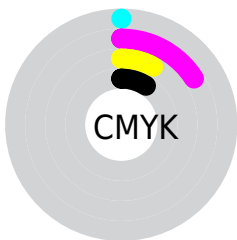
Distribution



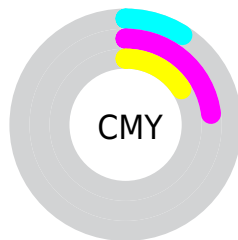
- Red (91%)
- Green (77%)
- Blue (84%)



- Red (91%)
- Yellow (77%)
- Blue (84%)



- Cyan (0%)
- Magenta (16%)
- Yellow (8%)
- Black (9%)



- Cyan (9%)
- Magenta (23%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.6099, 61.7098, 72.7431 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 65.6099, 61.7098, 72.7431 by changing the saturation by 10% instead.

65.6099, 61.7098,
72.7431

65.6099, 61.7098,
72.7431

434.4911,
430.8717, 489.1708

48.2223, 44.7983,
53.2754

111.9871,
107.3060, 124.8300

34.2150, 31.2985,
37.6334

141.7074,
136.7594, 158.2862

23.2225, 20.8263,
25.3987

176.2694,
171.1623, 197.2424

14.8795, 12.9971,
16.1526

216.0383,
210.8990, 242.1170

8.8206, 7.4265,
9.4767

261.3796,
256.3539, 293.3286

4.6805, 3.7303,
4.9524


312.6586,

2.0939, 1.5238,


307.9114, 351.2957


2.1611


370.2407,
365.9559, 416.4370


 0.6859, 0.3054,
0.6518


 0.0000, 0.0000,
0.0000


 65.6099, 61.7098,
72.7431

 65.6099, 61.7098,
72.7431

 59.3507, 51.4417,
63.7173

 72.7898, 73.6560,
82.5753

 53.9672, 42.7675,
55.4707

 80.9221, 87.3432,
93.2320

 49.4186, 35.6083,
47.9802

 86.4651, 95.6840,
103.5428

 45.6586, 29.8748,
41.2195

 87.4146, 96.0638,
108.5427

■ 42.6362, 25.4685,
35.1607

■ 40.2938, 22.2781,
29.7730

■ 38.5646, 20.1738,
25.0223

■ 37.3666, 18.9954,
20.8687

■ 36.9727, 18.6711,
19.3091

Harmonies

Analogous

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



63.6459, 61.7098, 82.4990



65.6099, 61.7098, 72.7431



65.6598, 61.7098, 62.3995

Triad

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



65.6099, 61.7098, 72.7431



56.9553, 61.7098, 49.6672



53.8094, 61.7098, 82.0844

Complementary

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



65.6099, 61.7098, 72.7431



64.0439, 74.8702, 74.6978

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.



52.1639, 61.7098, 72.2227



65.6099, 61.7098, 72.7431



53.9289, 61.7098, 53.9053

Square

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



65.6099, 61.7098, 72.7431



60.5610, 61.7098, 49.7756



52.2067, 61.7098, 61.9298



56.7861, 61.7098, 88.2587

Rectangle

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



65.6099, 61.7098, 72.7431



64.5948, 61.7098, 56.5835



52.2067, 61.7098, 61.9298



53.0878, 61.7098, 79.0487

Sweetspot

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



65.6117, 61.7125, 72.7444



90.1338, 91.7401, 102.4133



62.1478, 59.6447, 85.3286



19.1496, 19.3970, 21.7300



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.



65.6117, 61.7125, 72.7444



77.9282, 71.4616, 85.6042



63.3806, 60.8201, 60.9955



15.3883, 15.1832, 17.3303



21.0419, 10.6194, 11.2878



1.7009, 0.8533, 1.1423

Inverse Universe

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



65.6117, 61.7125, 72.7444



77.9282, 71.4616, 85.6042



66.5258, 75.8630, 87.7672



15.3883, 15.1832, 17.3303



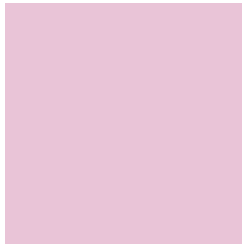
21.0419, 10.6194, 11.2878



1.7009, 0.8533, 1.1423

Previews

White Background



This preview shows how the XYZ color 65.6099, 61.7098, 72.7431 looks on a white background.

Color Contrast Check

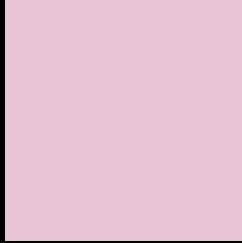
Large Text (above 18pt) WCAG AA × Fail

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 65.6099, 61.7098, 72.7431 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 65.6099, 61.7098, 72.7431

Background



This preview shows how black text looks on a background with the XYZ color 65.6099, 61.7098, 72.7431.

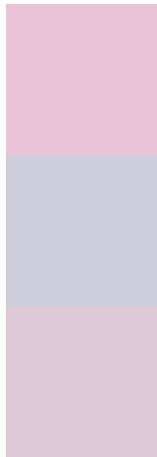


This preview shows how white text looks on a background with the XYZ color 65.6099, 61.7098,

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

65.6099, 61.7098, 72.7431

Protanopia

60.2032, 61.9518, 76.4950

Deuteranopia

63.2233, 61.8516, 72.2246



Tritanopia

65.4542, 62.0096, 70.8066

Trichromacy



Original Color

65.6099, 61.7098, 72.7431

Protanomaly

62.0943, 61.9019, 75.0052

Deuteranomaly

64.2396, 62.0328, 72.2061

Tritanomaly

65.5808, 62.0602, 71.4731

Monochromacy



Original Color

65.6099, 61.7098, 72.7431

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

62.2642, 62.7943, 70.4669

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.6099, 61.7098, 72.7431 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(233, 196, 215)` looks like.

```
.text, #text, p{  
    color:rgb(233, 196, 215)  
}
```

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(233, 196, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 196, 215) }
```

Border

The CSS property to change the border of an element to XYZ 65.6099, 61.7098, 72.7431 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(233, 196, 215) }
```


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

```
.border{ border-color:rgb(233, 196, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 196, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 196, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 196, 215);  
box-shadow:4px 4px 4px 4px rgb(233, 196,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 65.6099, 61.7098, 72.7431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 196, 215) }
```

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

```
.background{ background-color: rgb(233,  
196, 215) }
```

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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