

Converting Colors

XYZ(65.5160, 62.6908, 72.2658)

Have a look what the booklet for
XYZ(65.5160, 62.6908, 72.2658)
contains.

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Color

**XYZ(65.5160, 62.6908,
72.2658)**

Conversions

Conversions Part 1

Format	Color
Hex	E7C7D6
RGB	231, 199, 214
RGB Percent	91%, 78%, 84%
CMY	0.0941, 0.2196, 0.1608
CMYK	0.00, 0.14, 0.07, 0.09
HSL	332°, 40%, 84%
HSV	332°, 14%, 91%
XYZ	65.5160, 62.6908, 72.2658
YIQ	210.2780, 14.2570, 11.4490

Conversions

Conversions Part 2

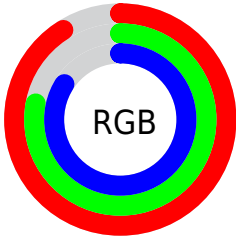
Format	Color
R _Y B	231, 199, 214
Decimal	15189974
CIE Lab	83.28, 13.75, -3.29
CIE LCh	83, 14.137, 346.562
Yxy	62.6908, 0.3268, 0.3127
Android (android.graphics.Color)	4293380054 (0xFFE7C7D6)
YUV	210.2780, 1.8349, 18.1732
Hunter-Lab	79.1775, 9.1404, 1.3099

Details

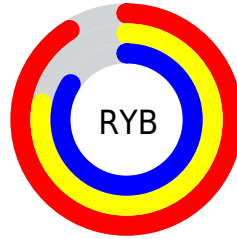
The XYZ color **65.5160, 62.6908, 72.2658** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **64.5262, 74.2534, 75.9007**, and the grayscale version is **61.4244, 64.6233, 70.3747**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.0626, 31.8680, 37.1567** is the 20% darker color. If you saturate the color by 10%, you get **59.0906, 52.2540, 62.6800**, and if you desaturate by 10%, it is **72.8699, 74.7938, 82.7453**.

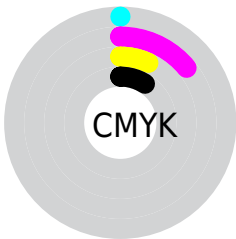
Distribution



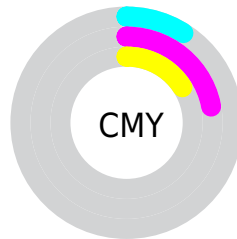
- Red (91%)
- Green (78%)
- Blue (84%)



- Red (91%)
- Yellow (78%)
- Blue (84%)



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



- Cyan (9%)
- Magenta (22%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.5160, 62.6908, 72.2658 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 65.5160, 62.6908, 72.2658 by changing the saturation by 10% instead.

65.5160, 62.6908,
72.2658

65.5160, 62.6908,
72.2658

434.1599,
434.4465, 487.4686

48.1459, 45.5911,
52.8877

111.8530,
108.7233, 124.1456

34.1541, 31.9233,
37.3260

141.5505,
138.4249, 157.4843

23.1755, 21.3029,
25.1622

176.0879,
173.0960, 196.3137

14.8445, 13.3456,
15.9778

215.8305,
213.1208, 241.0522

8.7960, 7.6670,
9.3543

261.1436,
258.8839, 292.1184

4.6644, 3.8826,
4.8730

312.3927,

2.0844, 1.6081,

310.7696, 349.9308

2.1155

369.9430,
369.1623, 414.9081

■ 0.6807, 0.3631,
0.6250

■ 0.0000, 0.0000,
0.0000

■ 65.5160, 62.6908,
72.2658

■ 65.5160, 62.6908,
72.2658

■ 59.0906, 52.2540,
62.6800

■ 72.8699, 74.7938,
82.7453

■ 53.5495, 43.4018,
53.9582

■ 81.1833, 88.6237,
94.1391

■ 48.8527, 36.0576,
46.0747

■ 86.0998, 95.4629,
105.0076

■ 44.9551, 30.1356,
39.0006

■ 86.7653, 95.7291,
108.5123

■ 41.8070, 25.5410,
32.7053

■ 39.3528, 22.1675,
27.1553

■ 37.5285, 19.8921,
22.3139

■ 36.2567, 18.5653,
18.1389

■ 35.6764, 18.0775,
15.8709

Harmonies

Analogous

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



63.9775, 62.6908, 80.5610



65.5160, 62.6908, 72.2658



65.4272, 62.6908, 63.5511

Triad

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



65.5160, 62.6908, 72.2658



57.9181, 62.6908, 53.2981



55.6169, 62.6908, 81.2915

Complementary

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



65.5160, 62.6908, 72.2658



64.5262, 74.2534, 75.9007

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.



54.1027, 62.6908, 73.1951



65.5160, 62.6908, 72.2658



55.3997, 62.6908, 57.2789

Square

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



65.5160, 62.6908, 72.2658



60.9686, 62.6908, 53.0960



54.0246, 62.6908, 64.4043



58.2239, 62.6908, 86.0660

Rectangle

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



65.5160, 62.6908, 72.2658



64.4560, 62.6908, 58.6723



54.0246, 62.6908, 64.4043



54.9672, 62.6908, 78.8383

Sweetspot

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



65.5178, 62.6936, 72.2671



91.0215, 93.3197, 103.3132



63.0308, 61.1474, 84.0827



19.3249, 19.7138, 21.8928



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.



65.5178, 62.6936, 72.2671



79.2570, 73.9965, 86.4252



63.8124, 62.2081, 62.6802



14.6567, 14.4799, 16.3927



20.0620, 10.1590, 9.2214



1.5291, 0.7694, 0.9268

Inverse Universe

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



65.5178, 62.6936, 72.2671



79.2570, 73.9965, 86.4252



66.4058, 74.7668, 86.5336



14.6567, 14.4799, 16.3927



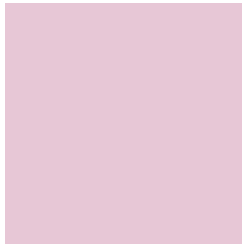
20.0620, 10.1590, 9.2214



1.5291, 0.7694, 0.9268

Previews

White Background



This preview shows how the XYZ color 65.5160, 62.6908, 72.2658 looks on a white background.

Color Contrast Check

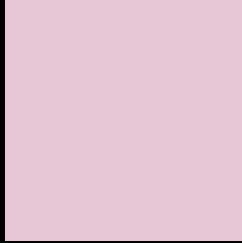
Large Text (above 18pt) WCAG AA × Fail

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 65.5160, 62.6908, 72.2658 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 65.5160, 62.6908, 72.2658

Background



This preview shows how black text looks on a background with the XYZ color 65.5160, 62.6908, 72.2658.



This preview shows how white text looks on a background with the XYZ color 65.5160, 62.6908,

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

65.5160, 62.6908, 72.2658

Protanopia

60.7386, 62.6145, 75.2142

Deuteranopia

64.0756, 62.6359, 72.3311



Tritanopia

65.5160, 62.6908, 72.2658

Trichromacy



Original Color

65.5160, 62.6908, 72.2658

Protanomaly

62.1992, 62.3206, 74.3965

Deuteranomaly

64.4704, 62.4945, 72.2830

Tritanomaly

65.5160, 62.6908, 72.2658

Monochromacy



Original Color

65.5160, 62.6908, 72.2658

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

62.7426, 63.7512, 70.6263

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.5160, 62.6908, 72.2658 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(231, 199, 214)` looks like.

```
.text, #text, p{  
    color:rgb(231, 199, 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(231, 199, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 199, 214) }
```

Border

The CSS property to change the border of an element to XYZ 65.5160, 62.6908, 72.2658 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(231, 199, 214) }
```


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

```
.border{ border-color:rgb(231, 199, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 199, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 199, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 199, 214);  
box-shadow:4px 4px 4px 4px rgb(231, 199,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 65.5160, 62.6908, 72.2658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 199, 214) }
```

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

```
.background{ background-color: rgb(231,  
199, 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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