

Converting Colors

XYZ(67.3631, 63.8366, 71.0582)

Have a look what the booklet for
XYZ(67.3631, 63.8366, 71.0582)
contains.

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Color

**XYZ(67.2321, 63.6048,
71.0208)**

Conversions

Conversions Part 1

Format	Color
Hex	EDC7D4
RGB	237, 199, 212
RGB Percent	93%, 78%, 83%
CMY	0.0706, 0.2196, 0.1686
CMYK	0.00, 0.16, 0.11, 0.07
HSL	339°, 51%, 85%
HSV	339°, 16%, 93%
XYZ	67.2321, 63.6048, 71.0208
YIQ	211.8440, 18.4750, 12.0990

Conversions

Conversions Part 2

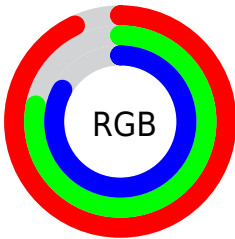
Format	Color
R_{YB}	237, 199, 212
Decimal	15583188
CIE _{Lab}	83.76, 15.50, -1.45
CIE _{LCh}	84, 15.571, 354.658
Yxy	63.6048, 0.3331, 0.3151
Android (android.graphics.Color)	4293773268 (0xFFEDC7D4)
YUV	211.8440, 0.0769, 22.0618
Hunter-Lab	79.7526, 10.9099, 3.0283

Details

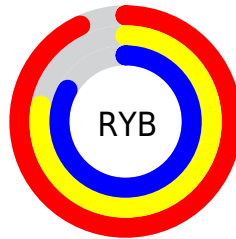
The XYZ color **67.2321, 63.6048, 71.0208** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.2944, 78.0939, 82.0515**, and the grayscale version is **62.4681, 65.7213, 71.5705**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.2673, 32.5089, 36.3143** is the 20% darker color. If you saturate the color by 10%, you get **60.3251, 52.7878, 59.4777**, and if you desaturate by 10%, it is **75.1819, 76.2019, 83.8504**.

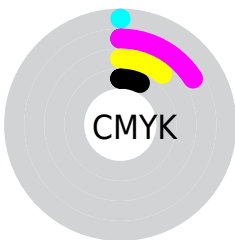
Distribution



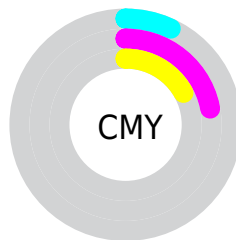
- Red (93%)
- Green (78%)
- Blue (83%)



- Red (93%)
- Yellow (78%)
- Blue (83%)



- Cyan (0%)
- Magenta (16%)
- Yellow (11%)
- Black (7%)



- Cyan (7%)
- Magenta (22%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.2321, 63.6048, 71.0208 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 67.2321, 63.6048, 71.0208 by changing the saturation by 10% instead.

67.2321, 63.6048,
71.0208

67.2321, 63.6048,
71.0208

440.1900,
437.7611, 483.0118

49.5447, 46.3307,
51.8772

114.3009,
110.0416, 122.3581

35.2680, 32.5068,
36.5257

144.4129,
139.9730, 155.3889

24.0369, 21.7489,
24.5475

179.3973,
174.8923, 193.8858

15.4859, 13.6725,
15.5243

219.6192,
215.1840, 238.2674

9.2496, 7.8933,
9.0375

265.4440,
261.2322, 288.9523

4.9628, 4.0267,
4.6685

317.2372,

2.2600, 1.6885,

313.4216, 346.3590

1.9988

375.3641,
372.1364, 410.9059

■ 0.7741, 0.4162,
0.5545

■ 0.0000, 0.0000,
0.0000

■ 67.2321, 63.6048,
71.0208

■ 67.2321, 63.6048,
71.0208

■ 60.3251, 52.7878,
59.4777

■ 75.1819, 76.2019,
83.8504

■ 54.4110, 43.6618,
49.1757

■ 84.2109, 90.6458,
98.0017

■ 49.4438, 36.1430,
40.0727

■ 88.7354, 96.7447,
108.6045

■ 45.3713, 30.1367,
32.1222

■ 42.1365, 25.5384,
25.2747

■ 39.6750, 22.2302,
19.4762

■ 37.9125, 20.0744,
14.6677

■ 36.7580, 18.9011,
10.7816

■ 36.4129, 18.5997,
9.4679

Harmonies

Analogous

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



65.9715, 63.6048, 80.7148



67.2321, 63.6048, 71.0208



66.6218, 63.6048, 61.7004

Triad

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



67.2321, 63.6048, 71.0208



57.7557, 63.6048, 53.5287



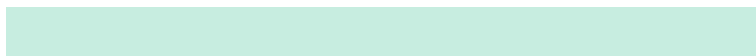
56.7344, 63.6048, 85.7585

Complementary

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



67.2321, 63.6048, 71.0208



67.2944, 78.0939, 82.0515

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.



54.6800, 63.6048, 77.4020



67.2321, 63.6048, 71.0208



55.2539, 63.6048, 58.9344

Square

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



67.2321, 63.6048, 71.0208



61.0680, 63.6048, 52.1648



54.1483, 63.6048, 67.5183



59.8451, 63.6048, 89.7209

Rectangle

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



67.2321, 63.6048, 71.0208



65.2474, 63.6048, 56.8579



54.1483, 63.6048, 67.5183



55.9021, 63.6048, 83.3342

Sweetspot

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



67.2339, 63.6076, 71.0221



89.7951, 91.6046, 100.6300



66.3593, 62.7637, 88.7386



19.0673, 19.3641, 21.2970



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.



67.2339, 63.6076, 71.0221



76.7796, 71.0022, 79.5561



66.9956, 65.6500, 63.1769



15.2781, 15.1391, 16.7497



19.9352, 10.1768, 5.4604



1.6091, 0.8166, 0.6587

Inverse Universe

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



67.2339, 63.6076, 71.0221



76.7796, 71.0022, 79.5561



67.5013, 75.5782, 91.1518



15.2781, 15.1391, 16.7497



19.9352, 10.1768, 5.4604



1.6091, 0.8166, 0.6587

Previews

White Background



This preview shows how the XYZ color 67.2321, 63.6048, 71.0208 looks on a white background.

Color Contrast Check

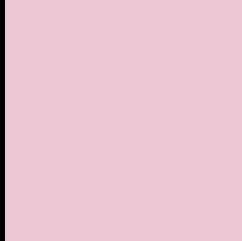
Large Text (above 18pt) WCAG AA × Fail

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 67.2321, 63.6048, 71.0208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

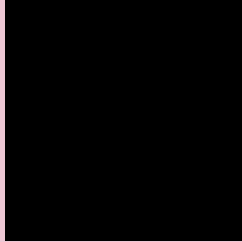
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.2321, 63.6048, 71.0208

Background



This preview shows how black text looks on a background with the XYZ color 67.2321, 63.6048, 71.0208.



This preview shows how white text looks on a background with the XYZ color 67.2321, 63.6048,

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

67.2321, 63.6048, 71.0208

Protanopia

61.6586, 63.8231, 74.7150

Deuteranopia

64.8733, 63.4382, 70.4536



Tritanopia

67.4861, 63.7064, 72.3580

Trichromacy



Original Color

67.2321, 63.6048, 71.0208

Protanomaly

63.6123, 63.7846, 73.2489

Deuteranomaly

65.5995, 63.4654, 70.4206

Tritanomaly

67.3587, 63.6555, 71.6873

Monochromacy



Original Color

67.2321, 63.6048, 71.0208

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

64.0153, 64.7513, 71.4116

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.2321, 63.6048, 71.0208 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(237, 199, 212)` looks like.

```
.text, #text, p{  
    color:rgb(237, 199, 212)  
}
```

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(237, 199, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 199, 212) }
```

Border

The CSS property to change the border of an element to XYZ 67.2321, 63.6048, 71.0208 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(237, 199, 212) }
```


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

```
.border{ border-color:rgb(237, 199, 212) }
```

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

Here you see how a box with a 4 pixel rgb(237, 199, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 199, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 199, 212);  
box-shadow:4px 4px 4px 4px rgb(237, 199,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 67.2321, 63.6048, 71.0208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 199, 212) }
```

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

```
.background{ background-color: rgb(237,  
199, 212) }
```

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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