

Converting Colors

XYZ(66.3648, 62.4497, 72.1745)

Have a look what the booklet for
XYZ(66.3648, 62.4497, 72.1745)
contains.

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Color

**XYZ(66.3648, 62.4497,
72.1745)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | EBC5D6 |
| RGB | 235, 197, 214 |
| RGB Percent | 92%, 77%, 84% |
| CMY | 0.0784, 0.2274, 0.1608 |
| CMYK | 0.00, 0.16, 0.09, 0.08 |
| HSL | 333°, 49%, 85% |
| HSV | 333°, 16%, 92% |
| XYZ | 66.3648, 62.4497, 72.1745 |
| YIQ | 210.3000, 17.1910, 13.3430 |

Conversions

Conversions Part 2

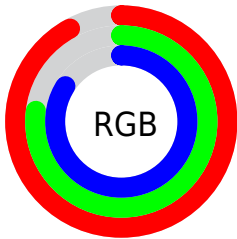
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 235, 197, 214 |
| Decimal | 15451606 |
| CIE Lab | 83.15, 16.20, -3.43 |
| CIE LCh | 83, 16.558, 348.039 |
| Yxy | 62.4497, 0.3302, 0.3107 |
| Android (android.graphics.Color) | 4293641686 (0xFFEBC5D6) |
| YUV | 210.3000, 1.8241, 21.6619 |
| Hunter-Lab | 79.0251, 11.6092, 1.1674 |

Details

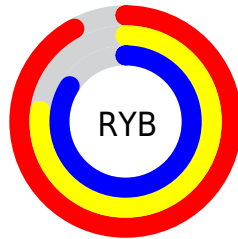
The XYZ color **66.3648, 62.4497, 72.1745** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.3916, 76.3506, 77.6240**, and the grayscale version is **61.4376, 64.6371, 70.3898**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **34.6709, 31.7318, 37.0984** is the 20% darker color. If you saturate the color by 10%, you get **59.8461, 51.9614, 62.1417**, and if you desaturate by 10%, it is **73.8511, 74.6601, 83.1840**.

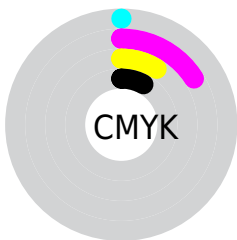
Distribution



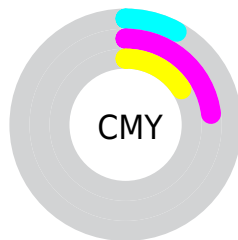
- Red (92%)
- Green (77%)
- Blue (84%)



- Red (92%)
- Yellow (77%)
- Blue (84%)



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



- Cyan (8%)
- Magenta (23%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.3648, 62.4497, 72.1745 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 66.3648, 62.4497, 72.1745 by changing the saturation by 10% instead.

66.3648, 62.4497,
72.1745

66.3648, 62.4497,
72.1745

437.1485,
433.5696, 487.1426

48.8374, 45.3962,
52.8135

113.0646,
108.3752, 124.0146

34.7045, 31.7696,
37.2672

142.9677,
138.0160, 157.3308

23.6008, 21.1856,
25.1171

177.7267,
172.6213, 196.1359

15.1609, 13.2597,
15.9445

217.7071,
212.5755, 240.8483

9.0194, 7.6076,
9.3309

263.2741,
258.2630, 291.8867

4.8111, 3.8449,
4.8579

314.7931,

2.1705, 1.5872,

310.0683, 349.6695

2.1069

372.6294,
368.3757, 414.6153

■ 0.7271, 0.3489,
0.6198

■ 0.0000, 0.0000,
0.0000

■ 66.3648, 62.4497,
72.1745

■ 66.3648, 62.4497,
72.1745

■ 59.8461, 51.9614,
62.1417

■ 73.8511, 74.6601,
83.1840

■ 54.2483, 43.1086,
53.0525

■ 82.3386, 88.6571,
95.1937

■ 49.5284, 35.8102,
44.8778

■ 87.7456, 96.2721,
106.8579

■ 45.6379, 29.9742,
37.5851

■ 88.0713, 96.4024,
108.5734

■ 42.5235, 25.4993,
31.1394

■ 40.1247, 22.2708,
25.5031

■ 38.3719, 20.1549,
20.6341

■ 37.1787, 18.9857,
16.4840

■ 36.8172, 18.6847,
15.0625

Harmonies

Analogous

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



64.6359, 62.4497, 82.0818



66.3648, 62.4497, 72.1745



66.1610, 62.4497, 62.0603

Triad

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



66.3648, 62.4497, 72.1745



57.2457, 62.4497, 50.8873



54.8622, 62.4497, 83.7729

Complementary

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



66.3648, 62.4497, 72.1745



65.3916, 76.3506, 77.6240

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.



53.0354, 62.4497, 74.3010



66.3648, 62.4497, 72.1745



54.3728, 62.4497, 55.6235

Square

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



66.3648, 62.4497, 72.1745



60.7978, 62.4497, 50.4416



52.8599, 62.4497, 63.9841



57.9383, 62.4497, 89.2157

Rectangle

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



66.3648, 62.4497, 72.1745



64.9576, 62.4497, 56.5343



52.8599, 62.4497, 63.9841



54.0871, 62.4497, 80.9132

Sweetspot

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



66.3666, 62.4525, 72.1758



90.0026, 91.6876, 101.7227



63.8475, 60.8237, 86.9731



19.1177, 19.3843, 21.5622



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.



66.3666, 62.4525, 72.1758



77.4784, 71.2817, 83.2358



64.7416, 62.4971, 61.4775



15.3455, 15.1661, 17.1047



20.5524, 10.4237, 8.7104



1.6617, 0.8376, 0.9357

Inverse Universe

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



66.3666, 62.4525, 72.1758



77.4784, 71.2817, 83.2358



67.1906, 76.2045, 89.7657



15.3455, 15.1661, 17.1047



20.5524, 10.4237, 8.7104



1.6617, 0.8376, 0.9357

Previews

White Background



This preview shows how the XYZ color 66.3648, 62.4497, 72.1745 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 66.3648, 62.4497, 72.1745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

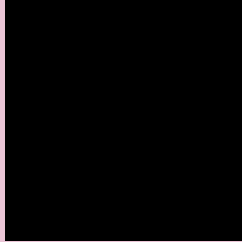
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.3648, 62.4497, 72.1745

Background



This preview shows how black text looks on a background with the XYZ color 66.3648, 62.4497, 72.1745.

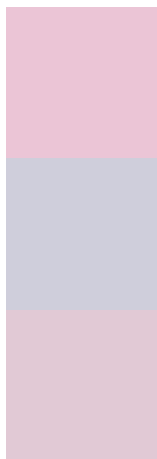


This preview shows how white text looks on a background with the XYZ color 66.3648, 62.4497,

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

66.3648, 62.4497, 72.1745

Protanopia

60.5896, 62.5225, 75.8925

Deuteranopia

63.9482, 62.5849, 71.6605



Tritanopia

66.2374, 62.3988, 71.5039

Trichromacy



Original Color

66.3648, 62.4497, 72.1745

Protanomaly

62.4956, 62.4733, 74.4103

Deuteranomaly

64.9776, 62.7707, 71.6420

Tritanomaly

66.2374, 62.3988, 71.5039

Monochromacy



Original Color

66.3648, 62.4497, 72.1745

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

62.8026, 63.4259, 70.5604

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.3648, 62.4497, 72.1745 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(235, 197, 214)` looks like.

```
.text, #text, p{  
    color:rgb(235, 197, 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(235, 197, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 197, 214) }
```

Border

The CSS property to change the border of an element to XYZ 66.3648, 62.4497, 72.1745 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(235, 197, 214) }
```


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

```
.border{ border-color:rgb(235, 197, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 197, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 197, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 197, 214);  
box-shadow:4px 4px 4px 4px rgb(235, 197,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 66.3648, 62.4497, 72.1745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 197, 214) }
```

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

```
.background{ background-color: rgb(235,  
197, 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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