

Converting Colors

XYZ(65.9451, 62.2997, 66.0813)

Have a look what the booklet for
XYZ(65.9451, 62.2997, 66.0813)
contains.

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Color

**XYZ(65.9107, 62.3448,
66.3175)**

Conversions

Conversions Part 1

Format	Color
Hex	EDC5CD
RGB	237, 197, 205
RGB Percent	93%, 77%, 80%
CMY	0.0706, 0.2274, 0.1961
CMYK	0.00, 0.17, 0.14, 0.07
HSL	348°, 53%, 85%
HSV	348°, 17%, 93%
XYZ	65.9107, 62.3448, 66.3175
YIQ	209.8720, 21.2720, 10.9680

Conversions

Conversions Part 2

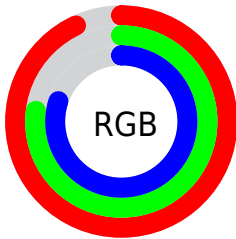
Format	Color
R _Y B	237, 197, 205
Decimal	15582669
CIE Lab	83.10, 15.42, 1.32
CIE LCh	83, 15.481, 4.905
Yxy	62.3448, 0.3387, 0.3204
Android (android.graphics.Color)	4293772749 (0xFFEDC5CD)
YUV	209.8720, -2.4019, 23.7913
Hunter-Lab	78.9587, 10.8249, 5.4734

Details

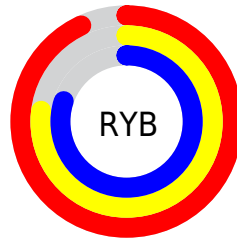
The XYZ color **65.9107, 62.3448, 66.3175** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.4554, 78.0973, 85.6514**, and the grayscale version is **61.1815, 64.3677, 70.0965**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **34.4644, 31.7030, 33.5810** is the 20% darker color. If you saturate the color by 10%, you get **58.7946, 51.5560, 53.3288**, and if you desaturate by 10%, it is **74.1537, 74.9422, 81.0520**.

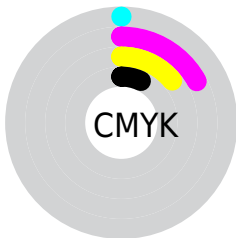
Distribution



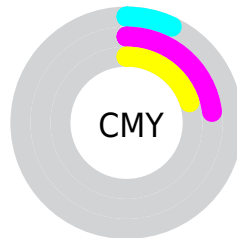
- Red (93%)
- Green (77%)
- Blue (80%)



- Red (93%)
- Yellow (77%)
- Blue (80%)



- Cyan (0%)
- Magenta (17%)
- Yellow (14%)
- Black (7%)



- Cyan (7%)
- Magenta (23%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.9107, 62.3448, 66.3175 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 65.9107, 62.3448, 66.3175 by changing the saturation by 10% instead.

65.9107, 62.3448,
66.3175

65.9107, 62.3448,
66.3175

435.5511,
433.1877, 465.9467

48.4674, 45.3114,
48.0721

112.4166,
108.2237, 115.5733

34.4099, 31.7027,
33.5236

142.2099,
137.8380, 147.4207

23.3731, 21.1346,
22.2534

176.8505,
172.4146, 184.6392

14.9914, 13.2224,
13.8432

216.7038,
212.3381, 227.6473

8.8996, 7.5819,
7.8742

262.1351,
257.9927, 276.8635

4.7324, 3.8286,
3.9279

313.5099,

2.1242, 1.5781,

309.7629, 332.7065

1.5859

371.1934,
368.0331, 395.5947

0.7023, 0.3428,
0.2807

0.0000, 0.0000,
0.0000

65.9107, 62.3448,
66.3175

65.9107, 62.3448,
66.3175

58.7946, 51.5560,
53.3288

74.1537, 74.9422,
81.0520

52.7510, 42.4845,
42.0168

83.5646, 89.4171,
97.5899

47.7285, 35.0440,
32.3134

88.7353, 96.7446,
108.6045

43.6695, 29.1369,
24.1447

■ 40.5106, 24.6555,
17.4303

■ 38.1805, 21.4779,
12.0828

■ 36.5965, 19.4615,
8.0043

■ 35.6553, 18.4253,
5.0823

■ 35.4461, 18.2130,
4.3770

Harmonies

Analogous

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



65.2851, 62.3448, 76.0134



65.9107, 62.3448, 66.3175



64.6993, 62.3448, 57.8625

Triad

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



65.9107, 62.3448, 66.3175



55.6461, 62.3448, 53.8470



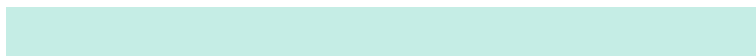
56.5661, 62.3448, 86.0015

Complementary

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



65.9107, 62.3448, 66.3175



67.4554, 78.0973, 85.6514

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.



54.1285, 62.3448, 78.9981



65.9107, 62.3448, 66.3175



53.6116, 62.3448, 60.3539

Square

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



65.9107, 62.3448, 66.3175



58.7077, 62.3448, 51.1083



53.0666, 62.3448, 69.4727



59.8094, 62.3448, 87.9767

Rectangle

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



65.9107, 62.3448, 66.3175



63.0388, 62.3448, 53.8772



53.0666, 62.3448, 69.4727



55.6293, 62.3448, 84.1270

Sweetspot

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



65.9124, 62.3476, 66.3188



89.5173, 91.4935, 99.1673



67.5674, 62.7079, 88.6639



19.0000, 19.3372, 20.9424



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.



65.9124, 62.3476, 66.3188



74.9955, 69.3108, 73.1751



67.8055, 67.6391, 62.3087



15.1886, 15.1033, 16.2784



19.3892, 9.9584, 2.5849



1.5560, 0.7954, 0.3793

Inverse Universe

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



65.9124, 62.3476, 66.3188



74.9955, 69.3108, 73.1751



65.2394, 71.8372, 90.5488



15.1886, 15.1033, 16.2784



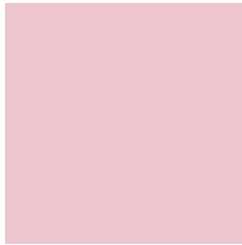
19.3892, 9.9584, 2.5849



1.5560, 0.7954, 0.3793

Previews

White Background



This preview shows how the XYZ color 65.9107, 62.3448, 66.3175 looks on a white background.

Color Contrast Check

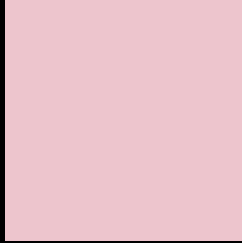
Large Text (above 18pt) WCAG AA × Fail

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 65.9107, 62.3448, 66.3175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

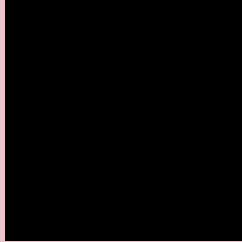
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.9107, 62.3448, 66.3175

Background



This preview shows how black text looks on a background with the XYZ color 65.9107, 62.3448, 66.3175.



This preview shows how white text looks on a background with the XYZ color 65.9107, 62.3448,

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

65.9107, 62.3448, 66.3175

Protanopia

60.2825, 62.4974, 69.8587

Deuteranopia

63.5483, 62.1622, 65.7759



Tritanopia

66.7577, 62.3601, 70.1462

Trichromacy



Original Color

65.9107, 62.3448, 66.3175

Protanomaly

62.2563, 62.4816, 68.4534

Deuteranomaly

64.2775, 62.1954, 65.7439

Tritanomaly

66.5084, 62.2604, 68.8337

Monochromacy



Original Color

65.9107, 62.3448, 66.3175

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

62.7317, 63.4324, 68.6119

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.9107, 62.3448, 66.3175 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, 197, 205)` looks like.

```
.text, #text, p{  
    color:rgb(237, 197, 205)  
}
```

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, 197, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 197, 205) }
```

Border

The CSS property to change the border of an element to XYZ 65.9107, 62.3448, 66.3175 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, 197, 205) }
```


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

```
.border{ border-color:rgb(237, 197, 205) }
```

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

Here you see how a box with a 4 pixel rgb(237, 197, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 197, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 197, 205);  
box-shadow:4px 4px 4px 4px rgb(237, 197,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 65.9107, 62.3448, 66.3175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 197, 205) }
```

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

```
.background{ background-color: rgb(237,  
197, 205) }
```

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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