

Converting Colors

XYZ(65.7950, 62.4806, 66.7647)

Have a look what the booklet for
XYZ(65.7950, 62.4806, 66.7647)
contains.

XYZ(65.9267, 62.6773, 67.0157)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(65.9267, 62.6773,
67.0157)**

Conversions

Conversions Part 1

Format	Color
Hex	ECC6CE
RGB	236, 198, 206
RGB Percent	93%, 78%, 81%
CMY	0.0745, 0.2235, 0.1922
CMYK	0.00, 0.16, 0.13, 0.07
HSL	347°, 50%, 85%
HSV	347°, 16%, 93%
XYZ	65.9267, 62.6773, 67.0157
YIQ	210.2740, 20.0800, 10.5440

Conversions

Conversions Part 2

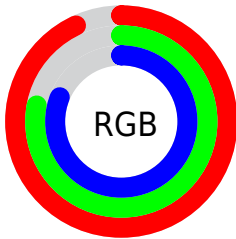
Format	Color
R _Y B	236, 198, 206
Decimal	15517390
CIE Lab	83.27, 14.70, 1.03
CIE LCh	83, 14.738, 4.023
Yxy	62.6773, 0.3370, 0.3204
Android (android.graphics.Color)	4293707470 (0xFFECC6CE)
YUV	210.2740, -2.1071, 22.5617
Hunter-Lab	79.1690, 10.0972, 5.2300

Details

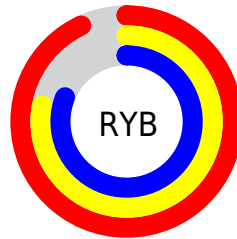
The XYZ color **65.9267, 62.6773, 67.0157** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.2902, 77.5996, 84.8342**, and the grayscale version is **61.4442, 64.6441, 70.3974**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.4631, 31.9168, 34.0499** is the 20% darker color. If you saturate the color by 10%, you get **58.8159, 51.8657, 54.1314**, and if you desaturate by 10%, it is **74.1499, 75.2828, 81.5963**.

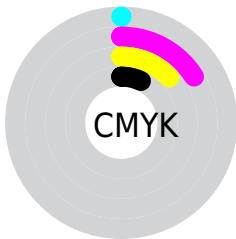
Distribution



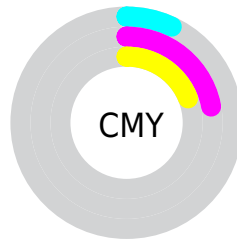
- Red (93%)
- Green (78%)
- Blue (81%)



- Red (93%)
- Yellow (78%)
- Blue (81%)



- Cyan (0%)
- Magenta (16%)
- Yellow (13%)
- Black (7%)



- Cyan (7%)
- Magenta (22%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.9267, 62.6773, 67.0157 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 65.9267, 62.6773, 67.0157 by changing the saturation by 10% instead.

65.9267, 62.6773,
67.0157

65.9267, 62.6773,
67.0157

435.6075,
434.3974, 468.5037

48.4804, 45.5802,
48.6357

112.4394,
108.7038, 116.5838

34.4203, 31.9147,
33.9670

142.2366,
138.4020, 148.6089

23.3811, 21.2963,
22.5911

176.8813,
173.0694, 186.0196

14.9974, 13.3408,
14.0894

216.7391,
213.0903, 229.2342

8.9039, 7.6636,
8.0434

262.1753,
258.8492, 278.6714

4.7351, 3.8805,
4.0346

313.5552,

2.1259, 1.6069,

310.7304, 334.7497

1.6443

371.2441,
369.1183, 397.8876

0.7032, 0.3623,
0.3222

0.0000, 0.0000,
0.0000

65.9267, 62.6773,
67.0157

65.9267, 62.6773,
67.0157

58.8159, 51.8657,
54.1314

74.1499, 75.2828,
81.5963

52.7641, 42.7583,
42.8774

83.5254, 89.7498,
97.9282

47.7213, 35.2701,
33.1890

88.4023, 96.5730,
108.5889

43.6314, 29.3058,
24.9957

■ 40.4326, 24.7596,
18.2214

■ 38.0555, 21.5125,
12.7831

■ 36.4202, 19.4257,
8.5884

■ 35.4290, 18.3275,
5.5322

■ 35.1608, 18.0604,
4.6125

Harmonies

Analogous

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



65.2797, 62.6773, 76.2617



65.9267, 62.6773, 67.0157



64.8218, 62.6773, 58.8487

Triad

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



65.9267, 62.6773, 67.0157



56.1947, 62.6773, 54.6516



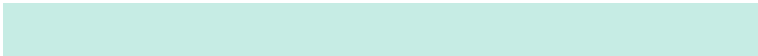
56.9171, 62.6773, 85.3513

Complementary

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



65.9267, 62.6773, 67.0157



67.2902, 77.5996, 84.8342

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.



54.6153, 62.6773, 78.5916



65.9267, 62.6773, 67.0157



54.2088, 62.6773, 60.8107

Square

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



65.9267, 62.6773, 67.0157



59.1421, 62.6773, 52.1265



53.6410, 62.6773, 69.4891



60.0058, 62.6773, 87.3844

Rectangle

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



65.9267, 62.6773, 67.0157



63.2628, 62.6773, 54.9496



53.6410, 62.6773, 69.4891



56.0294, 62.6773, 83.5285

Sweetspot

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



65.9285, 62.6801, 67.0170



89.5378, 91.5017, 99.2751



67.2573, 62.9031, 87.9541



19.0050, 19.3392, 20.9685



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.



65.9285, 62.6801, 67.0170



75.9353, 70.6644, 75.1097



67.5303, 67.3991, 62.8797



15.1951, 15.1059, 16.3129



19.4192, 9.9704, 2.7431



1.5593, 0.7967, 0.3964

Inverse Universe

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



65.9285, 62.6801, 67.0170



75.9353, 70.6644, 75.1097



65.4196, 72.0406, 89.8147



15.1951, 15.1059, 16.3129



19.4192, 9.9704, 2.7431



1.5593, 0.7967, 0.3964

Previews

White Background



This preview shows how the XYZ color 65.9267, 62.6773, 67.0157 looks on a white background.

Color Contrast Check

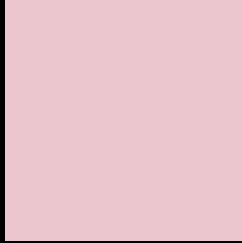
Large Text (above 18pt) WCAG AA × Fail

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 65.9267, 62.6773, 67.0157 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 65.9267, 62.6773, 67.0157

Background



This preview shows how black text looks on a background with the XYZ color 65.9267, 62.6773, 67.0157.



This preview shows how white text looks on a background with the XYZ color 65.9267, 62.6773,

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

65.9267, 62.6773, 67.0157

Protanopia

60.6490, 63.0304, 70.5976

Deuteranopia

63.9010, 62.6750, 66.4872



Tritanopia

66.7750, 62.6905, 70.8684

Trichromacy



Original Color

65.9267, 62.6773, 67.0157

Protanomaly

62.3149, 62.8492, 69.1684

Deuteranomaly

64.6287, 62.7053, 66.4546

Tritanomaly

66.5242, 62.5902, 69.5477

Monochromacy



Original Color

65.9267, 62.6773, 67.0157

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

62.7933, 63.8061, 69.3279

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.9267, 62.6773, 67.0157 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(236, 198, 206) looks like.

```
.text, #text, p{  
    color:rgb(236, 198, 206)  
}
```

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(236, 198, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 198, 206) }
```

Border

The CSS property to change the border of an element to XYZ 65.9267, 62.6773, 67.0157 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(236, 198, 206) }
```


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

```
.border{ border-color:rgb(236, 198, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 198, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 198, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 198, 206);  
box-shadow:4px 4px 4px 4px rgb(236, 198,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 65.9267, 62.6773, 67.0157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 198, 206) }
```

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

```
.background{ background-color: rgb(236,  
198, 206) }
```

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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