

Converting Colors

XYZ(66.1540, 63.0591, 62.3152)

Have a look what the booklet for
XYZ(66.1540, 63.0591, 62.3152)
contains.

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Color

**XYZ(65.9837, 62.8161,
62.0731)**

Conversions

Conversions Part 1

Format	Color
Hex	EFC6C6
RGB	239, 198, 198
RGB Percent	94%, 78%, 78%
CMY	0.0627, 0.2235, 0.2235
CMYK	0.00, 0.17, 0.17, 0.06
HSL	0°, 56%, 86%
HSV	0°, 17%, 94%
XYZ	65.9837, 62.8161, 62.0731
YIQ	210.2590, 24.4360, 8.6920

Conversions

Conversions Part 2

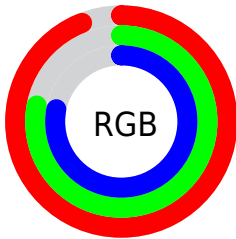
Format	Color
R _Y B	239, 198, 198
Decimal	15713990
CIE Lab	83.35, 14.51, 5.45
CIE LCh	83, 15.503, 20.581
Yxy	62.8161, 0.3457, 0.3291
Android (android.graphics.Color)	4293904070 (0xFFEFC6C6)
YUV	210.2590, -6.0437, 25.2059
Hunter-Lab	79.2566, 9.9080, 9.0442

Details

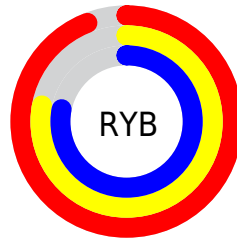
The XYZ color **65.9837, 62.8161, 62.0731** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.7346, 79.9688, 93.4219**, and the grayscale version is **61.4573, 64.6579, 70.4125**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.5357, 32.0274, 30.7472** is the 20% darker color. If you saturate the color by 10%, you get **58.4037, 51.7247, 47.0019**, and if you desaturate by 10%, it is **74.8640, 75.8107, 79.7252**.

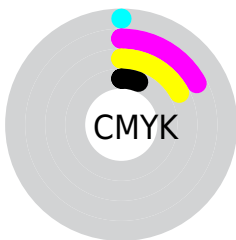
Distribution



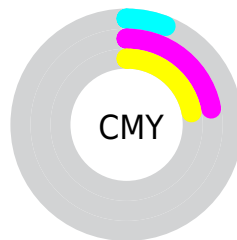
- Red (94%)
- Green (78%)
- Blue (78%)



- Red (94%)
- Yellow (78%)
- Blue (78%)



- Cyan (0%)
- Magenta (17%)
- Yellow (17%)
- Black (6%)



- Cyan (6%)
- Magenta (22%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.9837, 62.8161, 62.0731 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 65.9837, 62.8161, 62.0731 by changing the saturation by 10% instead.

65.9837, 62.8161,
62.0731

65.9837, 62.8161,
62.0731

435.8081,
434.9018, 450.2127

48.5268, 45.6925,
44.6556

112.5208,
108.9042, 109.4038

34.4573, 32.0032,
30.8453

142.3317,
138.6374, 140.1541

23.4097, 21.3639,
20.2236

176.9914,
173.3425, 176.1857

15.0186, 13.3903,
12.3720

216.8651,
213.4041, 217.9172

8.9189, 7.6978,
6.8719

262.3183,
259.2064, 265.7671

4.7450, 3.9022,
3.3049

313.7163,

2.1316, 1.6190,

311.1338, 320.1539

1.2524

371.4245,
369.5708, 381.4963

0.7063, 0.3704,
0.0223

0.0000, 0.0000,
0.0000

65.9837, 62.8161,
62.0731

65.9837, 62.8161,
62.0731

58.4037, 51.7247,
47.0019

74.8640, 75.8107,
79.7252

52.0581, 42.4394,
34.3871

85.0961, 90.7829,
100.0670

46.8832, 34.8669,
24.0997

89.4068, 97.0908,
108.6359

42.8074, 28.9028,
15.9975

■ 39.7514, 24.4308,
9.9228

■ 37.6251, 21.3193,
5.6965

■ 36.3230, 19.4138,
3.1086

■ 35.7082, 18.5139,
1.8868

■ 35.5971, 18.3514,
1.6660

Harmonies

Analogous

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



66.3333, 62.8161, 71.4806



65.9837, 62.8161, 62.0731



63.9179, 62.8161, 55.0289

Triad

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



65.9837, 62.8161, 62.0731



54.8341, 62.8161, 57.2681



58.6498, 62.8161, 88.4019

Complementary

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



65.9837, 62.8161, 62.0731



69.7346, 79.9688, 93.4219

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.



55.6811, 62.8161, 83.7696



65.9837, 62.8161, 62.0731



53.5333, 62.8161, 65.4015

Square

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



65.9837, 62.8161, 62.0731



57.4542, 62.8161, 52.4413



53.8375, 62.8161, 75.1344



62.0135, 62.8161, 87.2972

Rectangle

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



65.9837, 62.8161, 62.0731



61.8869, 62.8161, 52.3335



53.8375, 62.8161, 75.1344



57.5747, 62.8161, 87.4488

Sweetspot

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



65.9854, 62.8189, 62.0744



89.1316, 91.3398, 97.1340



71.3713, 64.9717, 90.4409



18.9067, 19.3000, 20.4504



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.



65.9854, 62.8189, 62.0744



72.8287, 67.4843, 64.7236



70.9916, 72.8312, 63.7431



15.7730, 15.7591, 16.3602



19.6717, 10.1414, 0.9207



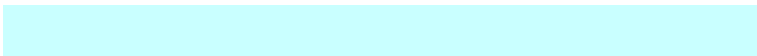
1.6365, 0.8438, 0.0766

Inverse Universe

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



69.7346, 79.9688, 93.4219



78.0167, 91.2163, 108.1023



64.0707, 68.6411, 91.5340



16.2473, 17.9287, 20.3259



25.6633, 37.5509, 51.0233



2.1350, 3.1240, 4.2447

Previews

White Background



This preview shows how the XYZ color 65.9837, 62.8161, 62.0731 looks on a white background.

Color Contrast Check

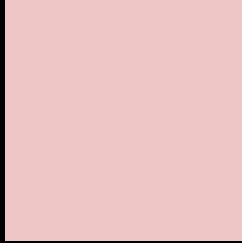
Large Text (above 18pt) WCAG AA × Fail

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 65.9837, 62.8161, 62.0731 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

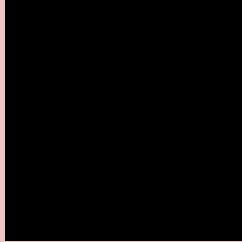
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.9837, 62.8161, 62.0731

Background



This preview shows how black text looks on a background with the XYZ color 65.9837, 62.8161, 62.0731.

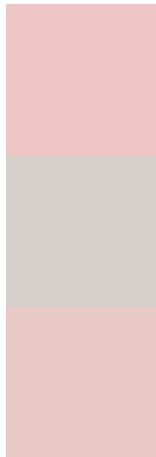


This preview shows how white text looks on a background with the XYZ color 65.9837, 62.8161,

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

65.9837, 62.8161, 62.0731

Protanopia

60.5329, 63.0836, 65.4858

Deuteranopia

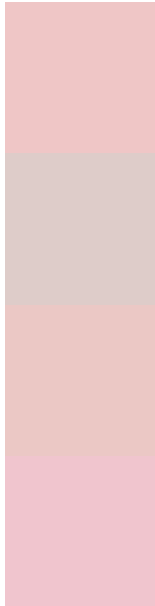
64.2434, 62.9603, 61.5899



Tritanopia

67.7734, 62.8838, 70.1938

Trichromacy



Original Color

65.9837, 62.8161, 62.0731

Protanomaly

62.2597, 62.9324, 64.1241

Deuteranomaly

64.9933, 63.0019, 61.5584

Tritanomaly

67.0420, 62.9140, 67.0026

Monochromacy



Original Color

65.9837, 62.8161, 62.0731

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

63.0307, 63.9710, 67.4181

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.9837, 62.8161, 62.0731 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(239, 198, 198)` looks like.

```
.text, #text, p{  
    color:rgb(239, 198, 198)  
}
```

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(239, 198, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 198, 198) }
```

Border

The CSS property to change the border of an element to XYZ 65.9837, 62.8161, 62.0731 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(239, 198, 198) }
```


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

```
.border{ border-color:rgb(239, 198, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 198, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 198, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 198, 198);  
box-shadow:4px 4px 4px 4px rgb(239, 198,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 65.9837, 62.8161, 62.0731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 198, 198) }
```

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

```
.background{ background-color: rgb(239,  
198, 198) }
```

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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