

Converting Colors

XYZ(62.1588, 60.7969, 63.6780)

Have a look what the booklet for
XYZ(62.1588, 60.7969, 63.6780)
contains.

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Color

**XYZ(62.1007, 60.7740,
63.7158)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | E2C6C9 |
| RGB | 226, 198, 201 |
| RGB Percent | 89%, 78%, 79% |
| CMY | 0.1137, 0.2235, 0.2118 |
| CMYK | 0.00, 0.12, 0.11, 0.11 |
| HSL | 354°, 33%, 83% |
| HSV | 354°, 12%, 89% |
| XYZ | 62.1007, 60.7740, 63.7158 |
| YIQ | 206.7140, 15.7250, 6.8690 |

Conversions

Conversions Part 2

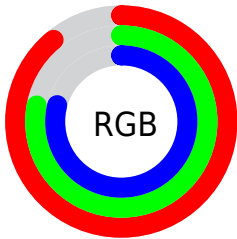
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 226, 198, 201 |
| Decimal | 14862025 |
| CIE Lab | 82.26, 10.34, 2.12 |
| CIE LCh | 82, 10.560, 11.598 |
| Yxy | 60.7740, 0.3328, 0.3257 |
| Android (android.graphics.Color) | 4293052105 (0xFFE2C6C9) |
| YUV | 206.7140, -2.8170, 16.9138 |
| Hunter-Lab | 77.9577, 5.7663, 6.1119 |

Details

The XYZ color **62.1007, 60.7740, 63.7158** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **63.8067, 71.7276, 80.2974**, and the grayscale version is **59.1361, 62.2157, 67.7529**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.8173, 30.5991, 31.8330** is the 20% darker color. If you saturate the color by 10%, you get **55.0953, 50.3157, 50.4272**, and if you desaturate by 10%, it is **70.1923, 72.9040, 78.9068**.

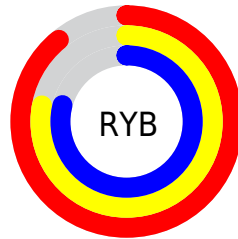
Distribution



Red (89%)

Green (78%)

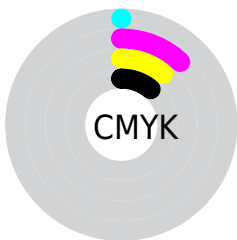
Blue (79%)



Red (89%)

Yellow (78%)

Blue (79%)

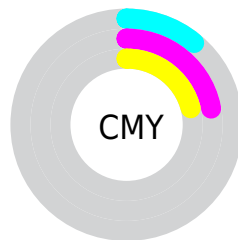


Cyan (0%)

Magenta (12%)

Yellow (11%)

Black (11%)



Cyan (11%)

Magenta (22%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.1007, 60.7740, 63.7158 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 62.1007, 60.7740, 63.7158 by changing the saturation by 10% instead.

62.1007, 60.7740,
63.7158

62.1007, 60.7740,
63.7158

422.0100,
427.4449, 456.3419

45.3700, 44.0428,
45.9758

106.9602,
105.9516, 111.7971

31.9515, 30.7042,
31.8782

135.8196,
135.1669, 142.9754

21.4798, 20.3737,
21.0044

169.4527,
169.3122, 179.4703

13.5896, 12.6670,
12.9360

208.2248,
208.7721, 221.7003

7.9156, 7.1996,
7.2543

252.5012,
253.9309, 270.0839

4.0923, 3.5873,
3.5408

302.6473,

1.7545, 1.4455,

305.1731, 325.0397

1.3770

359.0285,
362.8829, 386.9862

■ 0.4900, 0.2499,
0.1236

■ 0.0000, 0.0000,
0.0000

■ 62.1007, 60.7740,
63.7158

■ 62.1007, 60.7740,
63.7158

■ 55.0953, 50.3157,
50.4272

■ 70.1923, 72.9040,
78.9068

■ 49.1248, 41.4481,
38.9622

■ 79.4082, 86.7659,
96.0672

■ 44.1416, 34.0958,
29.2424

■ 85.1743, 94.9089,
108.4378

■ 40.0922, 28.1737,
21.1818

■ 36.9179, 23.5886,
14.6875

■ 34.5537, 20.2362,
9.6571

■ 32.9250, 17.9967,
5.9760

■ 31.9433, 16.7263,
3.5123

■ 31.5311, 16.2356,
2.3462

Harmonies

Analogous

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



61.9615, 60.7740, 70.1564



62.1007, 60.7740, 63.7158



61.0557, 60.7740, 58.2924

Triad

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



62.1007, 60.7740, 63.7158



54.9425, 60.7740, 57.3433



56.4106, 60.7740, 78.6225

Complementary

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



62.1007, 60.7740, 63.7158



63.8067, 71.7276, 80.2974

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.



54.5925, 60.7740, 74.7327



62.1007, 60.7740, 63.7158



53.7602, 60.7740, 62.3425

Square

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



62.1007, 60.7740, 63.7158



56.8995, 60.7740, 54.7758



53.6338, 60.7740, 68.6917



58.6369, 60.7740, 79.0497

Rectangle

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



62.1007, 60.7740, 63.7158



59.8436, 60.7740, 55.8735



53.6338, 60.7740, 68.6917



55.7329, 60.7740, 77.6653

Sweetspot

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



62.1024, 60.7767, 63.7171



90.4498, 93.0910, 100.3026



64.2727, 61.5276, 80.4405



19.1805, 19.6560, 21.1328



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.



62.1024, 60.7767, 63.7171



79.0187, 75.9690, 78.7958



64.2940, 65.7184, 62.7257



13.7666, 13.7243, 14.5409



18.0093, 9.2707, 1.4487



1.2687, 0.6507, 0.2076

Inverse Universe

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



62.1024, 60.7767, 63.7171



79.0187, 75.9690, 78.7958



61.3868, 66.2357, 81.5014



13.7666, 13.7243, 14.5409



18.0093, 9.2707, 1.4487



1.2687, 0.6507, 0.2076

Previews

White Background



This preview shows how the XYZ color 62.1007, 60.7740, 63.7158 looks on a white background.

Color Contrast Check

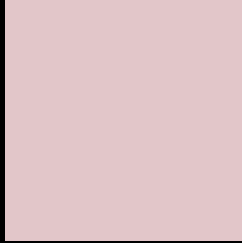
Large Text (above 18pt) WCAG AA × Fail

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 62.1007, 60.7740, 63.7158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

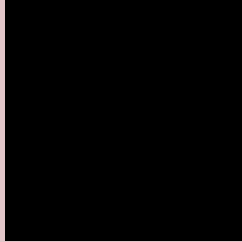
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.1007, 60.7740, 63.7158

Background



This preview shows how black text looks on a background with the XYZ color 62.1007, 60.7740, 63.7158.



This preview shows how white text looks on a background with the XYZ color 62.1007, 60.7740,

63.7158.

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

62.1007, 60.7740, 63.7158

Protanopia

58.5044, 60.9553, 65.8088

Deuteranopia

62.1007, 60.7740, 63.7158



Tritanopia

63.3021, 60.5642, 70.6410

Trichromacy



Original Color

62.1007, 60.7740, 63.7158

Protanomaly

59.9244, 60.9999, 65.1157

Deuteranomaly

62.1007, 60.7740, 63.7158

Tritanomaly

63.0300, 60.8175, 68.0914

Monochromacy



Original Color

62.1007, 60.7740, 63.7158

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

60.3439, 61.8897, 66.5230

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.1007, 60.7740, 63.7158 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(226, 198, 201)` looks like.

```
.text, #text, p{  
    color:rgb(226, 198, 201)  
}
```

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(226, 198, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 198, 201) }
```

Border

The CSS property to change the border of an element to XYZ 62.1007, 60.7740, 63.7158 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(226, 198, 201) }
```


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

```
.border{ border-color:rgb(226, 198, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 198, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 198, 201); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 198, 201); box-shadow:4px 4px 4px 4px rgb(226, 198, 201) }
```

Background

The CSS property to change the background color of an element to XYZ 62.1007, 60.7740, 63.7158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 198, 201) }
```

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

```
.background{ background-color: rgb(226,  
198, 201) }
```

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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