

Converting Colors

XYZ(62.6183, 59.7890, 70.8970)

Have a look what the booklet for
XYZ(62.6183, 59.7890, 70.8970)
contains.

XYZ(62.5767, 59.8419, 71.2033) 3
***Conversions* 4**
***Details* 6**
***Harmonies* 12**
***Previews* 24**
***Color Blindness Simulation* 28**
***CSS Examples* 31**

Color

**XYZ(62.5767, 59.8419,
71.2033)**

Conversions

Conversions Part 1

Format	Color
Hex	E1C3D5
RGB	225, 195, 213
RGB Percent	88%, 76%, 84%
CMY	0.1176, 0.2353, 0.1647
CMYK	0.00, 0.13, 0.05, 0.12
HSL	324°, 33%, 82%
HSV	324°, 13%, 88%
XYZ	62.5767, 59.8419, 71.2033
YIQ	206.0220, 12.1020, 11.9580

Conversions

Conversions Part 2

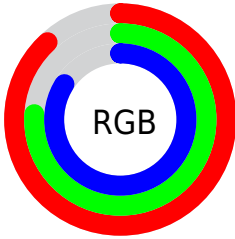
Format	Color
R _Y B	225, 195, 213
Decimal	14795733
CIE Lab	81.75, 13.63, -5.06
CIE LCh	82, 14.535, 339.631
Yxy	59.8419, 0.3232, 0.3091
Android (android.graphics.Color)	4292985813 (0xFFE1C3D5)
YUV	206.0220, 3.4402, 16.6437
Hunter-Lab	77.3575, 9.0180, -0.4229

Details

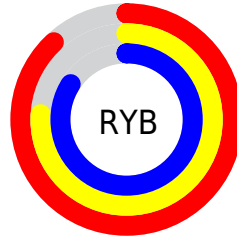
The XYZ color **62.5767, 59.8419, 71.2033** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **60.6957, 69.9591, 69.3393**, and the grayscale version is **58.6550, 61.7097, 67.2018**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **32.2740, 30.0644, 36.4497** is the 20% darker color. If you saturate the color by 10%, you get **56.7997, 50.0651, 63.7967**, and if you desaturate by 10%, it is **69.1802, 71.1685, 79.1997**.

Distribution



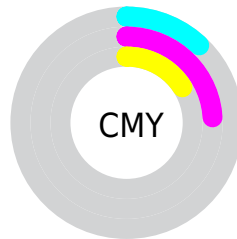
- Red (88%)
- Green (76%)
- Blue (84%)



- Red (88%)
- Yellow (76%)
- Blue (84%)



- Cyan (0%)
- Magenta (13%)
- Yellow (5%)
- Black (12%)



- Cyan (12%)
- Magenta (24%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.5767, 59.8419, 71.2033 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 62.5767, 59.8419, 71.2033 by changing the saturation by 10% instead.

62.5767, 59.8419,
71.2033

62.5767, 59.8419,
71.2033

423.7157,
424.0148, 483.6666

45.7562, 43.2912,
52.0253

107.6438,
104.6003, 122.6203

32.2573, 30.1137,
36.6428

136.6212,
133.5768, 155.6964

21.7146, 19.9249,
24.6375

170.3815,
167.4640, 194.2422

13.7628, 12.3405,
15.5906

209.2902,
206.6463, 238.6763

8.0364, 6.9760,
9.0837

253.7127,
251.5082, 289.4173

4.1703, 3.4471,
4.6983

304.0141,

1.7989, 1.3694,

302.4340, 346.8836

2.0157

360.5600,
359.8080, 411.4939

■ 0.5170, 0.1940,
0.5649

■ 0.0000, 0.0000,
0.0000

■ 62.5767, 59.8419,
71.2033

■ 62.5767, 59.8419,
71.2033

■ 56.7997, 50.0651,
63.7967

■ 69.1802, 71.1685,
79.1997

■ 51.8091, 41.7622,
56.9594

■ 76.6378, 84.1010,
87.7979

■ 47.5692, 34.8623,
50.6750

■ 82.5406, 93.8193,
96.2005

■ 44.0392, 29.2861,
44.9248

■ 83.9115, 94.3677,
103.4197

■ 41.1747, 24.9457,
39.6884

■ 84.8617, 94.7477,
108.4232

■ 38.9253, 21.7429,
34.9434

■ 37.2335, 19.5643,
30.6650

■ 36.0297, 18.2724,
26.8240

■ 35.4241, 17.7567,
24.4780

Harmonies

Analogous

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



60.7158, 59.8419, 79.0229



62.5767, 59.8419, 71.2033



62.8810, 59.8419, 62.3777

Triad

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



62.5767, 59.8419, 71.2033



55.8988, 59.8419, 49.9101



52.4638, 59.8419, 76.5130

Complementary

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



62.5767, 59.8419, 71.2033



60.6957, 69.9591, 69.3393

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.



51.2696, 59.8419, 68.0190



62.5767, 59.8419, 71.2033



53.2053, 59.8419, 53.0172

Square

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



62.5767, 59.8419, 71.2033



58.9515, 59.8419, 50.5968



51.5361, 59.8419, 59.4643



54.8536, 59.8419, 82.2741

Rectangle

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



62.5767, 59.8419, 71.2033



62.1495, 59.8419, 57.1730



51.5361, 59.8419, 59.4643



51.9132, 59.8419, 73.8531

Sweetspot

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



62.5784, 59.8445, 71.2046



91.2318, 93.4038, 104.4206



58.8402, 57.7349, 79.2777



19.3781, 19.7350, 22.1731



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.



62.5784, 59.8445, 71.2046



80.8696, 75.6674, 91.7551



60.7616, 59.1178, 61.6375



14.0507, 13.8379, 16.0374



20.4719, 10.2558, 14.4169



1.4629, 0.7284, 1.2303

Inverse Universe

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



62.5784, 59.8445, 71.2046



80.8696, 75.6674, 91.7551



62.6176, 70.7279, 79.4599



14.0507, 13.8379, 16.0374



20.4719, 10.2558, 14.4169



1.4629, 0.7284, 1.2303

Previews

White Background



This preview shows how the XYZ color 62.5767, 59.8419, 71.2033 looks on a white background.

Color Contrast Check

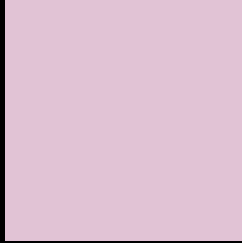
Large Text (above 18pt) WCAG AA × Fail

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 62.5767, 59.8419, 71.2033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

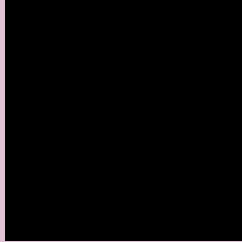
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.5767, 59.8419, 71.2033

Background



This preview shows how black text looks on a background with the XYZ color 62.5767, 59.8419, 71.2033.



This preview shows how white text looks on a background with the XYZ color 62.5767, 59.8419,

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

62.5767, 59.8419, 71.2033

Protanopia

58.2735, 59.9473, 74.1453

Deuteranopia

61.1899, 59.7967, 71.2676



Tritanopia

62.3243, 59.7409, 69.8743

Trichromacy



Original Color

62.5767, 59.8419, 71.2033

Protanomaly

59.6821, 59.6536, 73.3345

Deuteranomaly

61.5690, 59.6561, 71.2205

Tritanomaly

62.4501, 59.7912, 70.5367

Monochromacy



Original Color

62.5767, 59.8419, 71.2033

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

60.0697, 60.9906, 68.9280

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.5767, 59.8419, 71.2033 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(225, 195, 213)` looks like.

```
.text, #text, p{  
    color:rgb(225, 195, 213)  
}
```

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(225, 195, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 195, 213) }
```

Border

The CSS property to change the border of an element to XYZ 62.5767, 59.8419, 71.2033 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(225, 195, 213) }
```


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

```
.border{ border-color:rgb(225, 195, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 195, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 195, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 195, 213);  
box-shadow:4px 4px 4px 4px rgb(225, 195,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 62.5767, 59.8419, 71.2033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 195, 213) }
```

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

```
.background{ background-color: rgb(225,  
195, 213) }
```

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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