

Converting Colors

XYZ(62.0621, 59.5445, 70.9466)

Have a look what the booklet for
XYZ(62.0621, 59.5445, 70.9466)
contains.

XYZ(62.2658, 59.6816, 71.1887)	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(62.2658, 59.6816,
71.1887)**

Conversions

Conversions Part 1

Format	Color
Hex	E0C3D5
RGB	224, 195, 213
RGB Percent	88%, 76%, 84%
CMY	0.1216, 0.2353, 0.1647
CMYK	0.00, 0.13, 0.05, 0.12
HSL	323°, 32%, 82%
HSV	323°, 13%, 88%
XYZ	62.2658, 59.6816, 71.1887
YIQ	205.7230, 11.5060, 11.7460

Conversions

Conversions Part 2

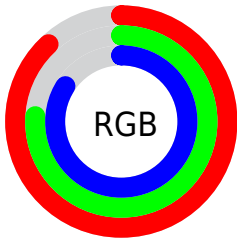
Format	Color
R _Y B	224, 195, 213
Decimal	14730197
CIE Lab	81.66, 13.28, -5.20
CIE LCh	82, 14.262, 338.626
Yxy	59.6816, 0.3224, 0.3090
Android (android.graphics.Color)	4292920277 (0xFFE0C3D5)
YUV	205.7230, 3.5876, 16.0289
Hunter-Lab	77.2539, 8.6748, -0.5575

Details

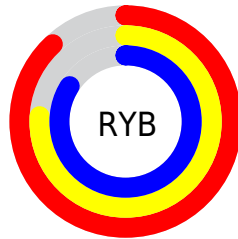
The XYZ color **62.2658, 59.6816, 71.1887** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **60.3042, 69.3712, 68.6074**, and the grayscale version is **58.4632, 61.5079, 66.9821**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **32.0586, 29.9534, 36.4397** is the 20% darker color. If you saturate the color by 10%, you get **56.5684, 49.9672, 64.1071**, and if you desaturate by 10%, it is **68.7761, 70.9295, 78.8216**.

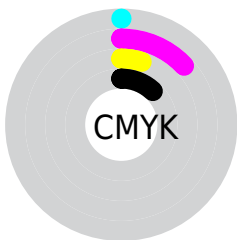
Distribution



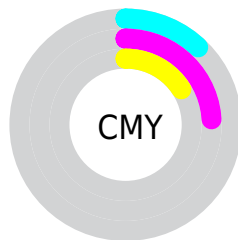
- Red (88%)
- Green (76%)
- Blue (84%)



- 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 62.2658, 59.6816, 71.1887 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 62.2658, 59.6816, 71.1887 by changing the saturation by 10% instead.

62.2658, 59.6816,
71.1887

62.2658, 59.6816,
71.1887

422.6021,
423.4232, 483.6142

45.5039, 43.1620,
52.0134

107.1974,
104.3677, 122.5993

32.0575, 30.0123,
36.6335

136.0978,
133.3029, 155.6718

21.5612, 19.8479,
24.6303

169.7750,
167.1456, 194.2137

13.6496, 12.2845,
15.5853

208.5946,
206.2800, 238.6436

7.9574, 6.9378,
9.0800

252.9217,
251.0906, 289.3801

4.1193, 3.4232,
4.6959

303.1217,

1.7698, 1.3565,

301.9617, 346.8417

2.0144

359.5601,
359.2778, 411.4469

■ 0.4994, 0.1843,
0.5641

■ 0.0000, 0.0000,
0.0000

■ 62.2658, 59.6816,
71.1887

■ 62.2658, 59.6816,
71.1887

■ 56.5684, 49.9672,
64.1071

■ 68.7761, 70.9295,
78.8216

■ 51.6444, 41.7115,
57.5572

■ 76.1262, 83.7662,
87.0167

■ 47.4587, 34.8446,
51.5237

■ 82.0062, 93.5696,
95.0089

■ 43.9715, 29.2884,
45.9890

■ 83.2881, 94.0824,
101.7593

■ 41.1387, 24.9564,
40.9338

■ 84.5508, 94.5875,
108.4086

■ 38.9115, 21.7521,
36.3370

■ 37.2331, 19.5639,
32.1752

■ 36.0356, 18.2572,
28.4206

■ 35.4028, 17.7123,
25.9881

Harmonies

Analogous

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



60.4013, 59.6816, 78.7555



62.2658, 59.6816, 71.1887



62.6190, 59.6816, 62.5378

Triad

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



62.2658, 59.6816, 71.1887



55.8652, 59.6816, 49.9866



52.3395, 59.6816, 75.8453

Complementary

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



62.2658, 59.6816, 71.1887



60.3042, 69.3712, 68.6074

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.



51.2140, 59.6816, 67.4913



62.2658, 59.6816, 71.1887



53.2021, 59.6816, 52.9179

Square

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



62.2658, 59.6816, 71.1887



58.8529, 59.6816, 50.7875



51.5241, 59.6816, 59.1491



54.6501, 59.6816, 81.6044

Rectangle

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



62.2658, 59.6816, 71.1887



61.9384, 59.6816, 57.3889



51.5241, 59.6816, 59.1491



51.8137, 59.6816, 73.2194

Sweetspot

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



62.2675, 59.6842, 71.1900



91.2651, 93.4171, 104.5958



58.3239, 57.4844, 78.5434



19.3865, 19.7384, 22.2175



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.



62.2675, 59.6842, 71.1900



80.9945, 75.7173, 92.4124



60.5510, 58.9976, 62.1509



14.0631, 13.8429, 16.1024



20.6644, 10.3327, 15.4302



1.4755, 0.7335, 1.2968

Inverse Universe

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



62.2675, 59.6842, 71.1900



80.9945, 75.7173, 92.4124



62.0992, 70.0892, 78.0596



14.0631, 13.8429, 16.1024



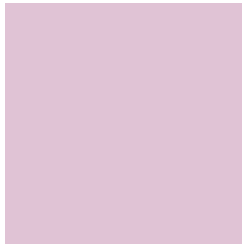
20.6644, 10.3327, 15.4302



1.4755, 0.7335, 1.2968

Previews

White Background



This preview shows how the XYZ color 62.2658, 59.6816, 71.1887 looks on a white background.

Color Contrast Check

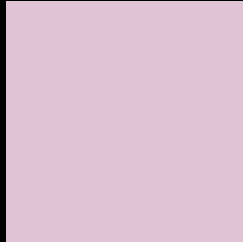
Large Text (above 18pt) WCAG AA × Fail

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 62.2658, 59.6816, 71.1887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

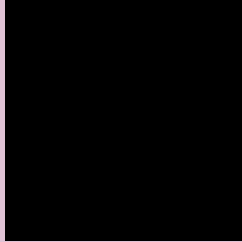
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.2658, 59.6816, 71.1887

Background



This preview shows how black text looks on a background with the XYZ color 62.2658, 59.6816, 71.1887.



This preview shows how white text looks on a background with the XYZ color 62.2658, 59.6816,

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

62.2658, 59.6816, 71.1887

Protanopia

58.2735, 59.9473, 74.1453

Deuteranopia

60.8899, 59.6420, 71.2536



Tritanopia

62.0134, 59.5807, 69.8598

Trichromacy



Original Color

62.2658, 59.6816, 71.1887

Protanomaly

59.6821, 59.6536, 73.3345

Deuteranomaly

61.2654, 59.4996, 71.2063

Tritanomaly

62.1392, 59.6310, 70.5222

Monochromacy



Original Color

62.2658, 59.6816, 71.1887

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 62.2658, 59.6816, 71.1887 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(224, 195, 213)` looks like.

```
.text, #text, p{  
    color:rgb(224, 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(224, 195, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 195, 213) }
```

Border

The CSS property to change the border of an element to XYZ 62.2658, 59.6816, 71.1887 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(224, 195, 213) }
```


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

```
.border{ border-color:rgb(224, 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(224, 195, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 195, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 195, 213);  
box-shadow:4px 4px 4px 4px rgb(224, 195,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 62.2658, 59.6816, 71.1887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 195, 213) }
```

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

```
.background{ background-color: rgb(224,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor