

Converting Colors

XYZ(62.2643, 59.7530, 67.9263)

Have a look what the booklet for
XYZ(62.2643, 59.7530, 67.9263)
contains.

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Color

**XYZ(62.2643, 59.7530,
67.9263)**

Conversions

Conversions Part 1

Format	Color
Hex	E2C3D0
RGB	226, 195, 208
RGB Percent	89%, 76%, 82%
CMY	0.1137, 0.2353, 0.1843
CMYK	0.00, 0.14, 0.08, 0.11
HSL	335°, 35%, 83%
HSV	335°, 14%, 89%
XYZ	62.2643, 59.7530, 67.9263
YIQ	205.7510, 14.3030, 10.6150

Conversions

Conversions Part 2

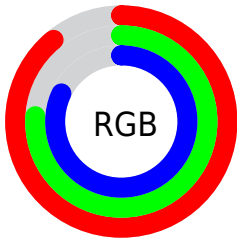
Format	Color
R _Y B	226, 195, 208
Decimal	14861264
CIE Lab	81.70, 13.11, -2.44
CIE LCh	82, 13.335, 349.467
Yxy	59.7530, 0.3278, 0.3146
Android (android.graphics.Color)	4293051344 (0xFFE2C3D0)
YUV	205.7510, 1.1088, 17.7584
Hunter-Lab	77.3001, 8.5046, 2.0098

Details

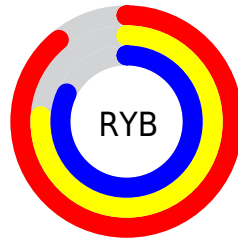
The XYZ color **62.2643, 59.7530, 67.9263** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **61.7146, 70.8005, 73.3673**, and the grayscale version is **58.4951, 61.5415, 67.0186**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **31.9352, 29.9289, 34.6655** is the 20% darker color. If you saturate the color by 10%, you get **56.0306, 49.7630, 58.2090**, and if you desaturate by 10%, it is **69.4015, 71.3345, 78.6054**.

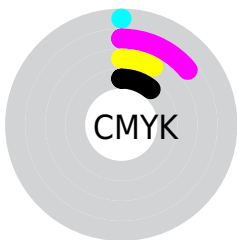
Distribution



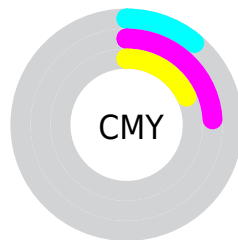
- Red (89%)
- Green (76%)
- Blue (82%)



- Red (89%)
- Yellow (76%)
- Blue (82%)



- Cyan (0%)
- Magenta (14%)
- Yellow (8%)
- Black (11%)



- Cyan (11%)
- Magenta (24%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.2643, 59.7530, 67.9263 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 62.2643, 59.7530, 67.9263 by changing the saturation by 10% instead.

62.2643, 59.7530,
67.9263

62.2643, 59.7530,
67.9263

422.5967,
423.6867, 471.8258

45.5027, 43.2196,
49.3715

107.1952,
104.4713, 117.8999

32.0565, 30.0574,
34.5466

136.0952,
133.4249, 150.1558

21.5604, 19.8822,
23.0330

169.7721,
167.2874, 187.8157

13.6491, 12.3094,
14.4124

208.5912,
206.4432, 231.2983

7.9571, 6.9548,
8.2660

252.9178,
251.2766, 281.0221

4.1191, 3.4338,
4.1754

303.1174,

1.7697, 1.3622,

302.1721, 337.4056

1.7221

359.5553,
359.5140, 400.8673

■ 0.4993, 0.1886,
0.3758

■ 0.0000, 0.0000,
0.0000

■ 62.2643, 59.7530,
67.9263

■ 62.2643, 59.7530,
67.9263

■ 56.0306, 49.7630,
58.2090

■ 69.4015, 71.3345,
78.6054

■ 50.6576, 41.2866,
49.4213

■ 77.4722, 84.5651,
90.2697

■ 46.1069, 34.2513,
41.5346

■ 83.9707, 94.4275,
102.0993

■ 42.3346, 28.5753,
34.5171

■ 85.1744, 94.9089,
108.4378

■ 39.2931, 24.1687,
28.3351

■ 36.9287, 20.9304,
22.9517

■ 35.1799, 18.7440,
18.3269

■ 33.9727, 17.4680,
14.4149

■ 33.4190, 16.9908,
12.2872

Harmonies

Analogous

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



60.9932, 59.7530, 75.6274



62.2643, 59.7530, 67.9263



62.0333, 59.7530, 60.0463

Triad

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



62.2643, 59.7530, 67.9263



55.0144, 59.7530, 51.5536



53.3590, 59.7530, 77.5246

Complementary

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



62.2643, 59.7530, 67.9263



61.7146, 70.8005, 73.3673

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.



51.8573, 59.7530, 70.3471



62.2643, 59.7530, 67.9263



52.7910, 59.7530, 55.5274

Square

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



62.2643, 59.7530, 67.9263



57.7853, 59.7530, 51.0220



51.6528, 59.7530, 62.2772



55.8129, 59.7530, 81.4641

Rectangle

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



62.2643, 59.7530, 67.9263



61.0609, 59.7530, 55.7257



51.6528, 59.7530, 62.2772



52.7296, 59.7530, 75.3843

Sweetspot

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



62.2660, 59.7556, 67.9276



90.9428, 93.2882, 102.8985



60.5598, 58.6055, 80.0725



19.3050, 19.7058, 21.7880



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.



62.2660, 59.7556, 67.9276



79.8044, 75.2413, 86.1455



61.1978, 60.0744, 60.0029



13.9444, 13.7954, 15.4776



19.1216, 9.7156, 7.3060



1.3693, 0.6910, 0.7378

Inverse Universe

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



62.2660, 59.7556, 67.9276



79.8044, 75.2413, 86.1455



62.8728, 70.3701, 82.2214



13.9444, 13.7954, 15.4776



19.1216, 9.7156, 7.3060



1.3693, 0.6910, 0.7378

Previews

White Background



This preview shows how the XYZ color 62.2643, 59.7530, 67.9263 looks on a white background.

Color Contrast Check

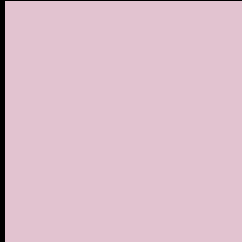
Large Text (above 18pt) WCAG AA × Fail

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 62.2643, 59.7530, 67.9263 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 62.2643, 59.7530, 67.9263

Background



This preview shows how black text looks on a background with the XYZ color 62.2643, 59.7530, 67.9263.



This preview shows how white text looks on a background with the XYZ color 62.2643, 59.7530,

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

62.2643, 59.7530, 67.9263

Protanopia

57.9060, 59.8319, 70.7841

Deuteranopia

61.1702, 59.8587, 68.0044



Tritanopia

62.5120, 59.8521, 69.2306

Trichromacy



Original Color

62.2643, 59.7530, 67.9263

Protanomaly

59.3327, 59.5470, 69.9946

Deuteranomaly

61.5565, 59.7219, 67.9576

Tritanomaly

62.3878, 59.8024, 68.5764

Monochromacy



Original Color

62.2643, 59.7530, 67.9263

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

59.8236, 60.8922, 67.6318

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.2643, 59.7530, 67.9263 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, 195, 208)` looks like.

```
.text, #text, p{  
    color:rgb(226, 195, 208)  
}
```

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, 195, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 195, 208) }
```

Border

The CSS property to change the border of an element to XYZ 62.2643, 59.7530, 67.9263 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, 195, 208) }
```


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

```
.border{ border-color:rgb(226, 195, 208) }
```

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

Here you see how a box with a 4 pixel rgb(226, 195, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 195, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 195, 208);  
box-shadow:4px 4px 4px 4px rgb(226, 195,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 62.2643, 59.7530, 67.9263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 195, 208) }
```

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

```
.background{ background-color: rgb(226,  
195, 208) }
```

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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