

Converting Colors

XYZ(63.0758, 60.5910, 70.2476)

Have a look what the booklet for
XYZ(63.0758, 60.5910, 70.2476)
contains.

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Color

**XYZ(62.8618, 60.3518,
69.9639)**

Conversions

Conversions Part 1

Format	Color
Hex	E2C4D3
RGB	226, 196, 211
RGB Percent	89%, 77%, 83%
CMY	0.1137, 0.2314, 0.1725
CMYK	0.00, 0.13, 0.07, 0.11
HSL	330°, 34%, 83%
HSV	330°, 13%, 89%
XYZ	62.8618, 60.3518, 69.9639
YIQ	206.6800, 13.0650, 11.0250

Conversions

Conversions Part 2

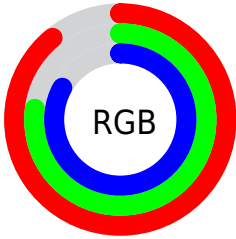
Format	Color
R_{YB}	226, 196, 211
Decimal	14861523
CIE _{Lab}	82.03, 13.09, -3.57
CIE _{LCh}	82, 13.570, 344.753
Yxy	60.3518, 0.3254, 0.3124
Android (android.graphics.Color)	4293051603 (0xFFE2C4D3)
YUV	206.6800, 2.1298, 16.9436
Hunter-Lab	77.6864, 8.4862, 0.9843

Details

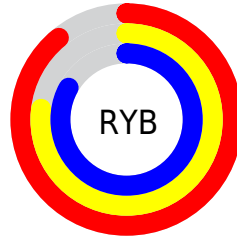
The XYZ color **62.8618, 60.3518, 69.9639** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **61.7215, 70.8331, 72.0505**, and the grayscale version is **59.0846, 62.1616, 67.6940**.

A 20% lighter version of the original color is **94.4153, 98.7306, 108.6884**, and **32.5534, 30.4383, 36.0577** is the 20% darker color. If you saturate the color by 10%, you get **56.7760, 50.3679, 61.1894**, and if you desaturate by 10%, it is **69.8185, 71.9166, 79.5217**.

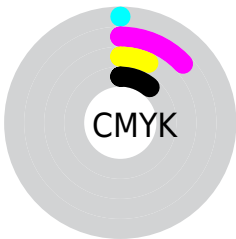
Distribution



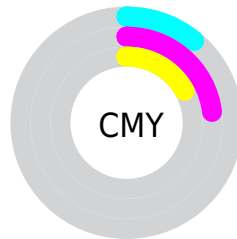
- Red (89%)
- Green (77%)
- Blue (83%)



- Red (89%)
- Yellow (77%)
- Blue (83%)



- Cyan (0%)
- Magenta (13%)
- Yellow (7%)
- Black (11%)



- Cyan (11%)
- Magenta (23%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.8618, 60.3518, 69.9639 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 62.8618, 60.3518, 69.9639 by changing the saturation by 10% instead.

62.8618, 60.3518,
69.9639

62.8618, 60.3518,
69.9639

424.7354,
425.8933, 479.2089

45.9876, 43.7023,
51.0205

108.0530,
105.3398, 120.8379

32.4407, 30.4365,
35.8481

137.1008,
134.4471, 153.6056

21.8555, 20.1701,
24.0281

170.9372,
168.4757, 191.8184

13.8667, 12.5188,
15.1421

209.9275,
207.8102, 235.8949

8.1091, 7.0980,
8.7714

254.4372,
252.8347, 286.2537

4.2172, 3.5235,
4.4976

304.8314,

1.8258, 1.4108,

303.9338, 343.3133

1.9021

361.4757,
361.4919, 407.4922

■ 0.5331, 0.2246,
0.4941

■ 0.0000, 0.0000,
0.0000

■ 62.8618, 60.3518,
69.9639

■ 62.8618, 60.3518,
69.9639

■ 56.7760, 50.3679,
61.1894

■ 69.8185, 71.9166,
79.5217

■ 51.5197, 41.8876,
53.1721

■ 77.6750, 85.1191,
89.8799

■ 47.0558, 34.8390,
45.8901

■ 83.5914, 94.2757,
100.1021

■ 43.3419, 29.1414,
39.3186

■ 85.1743, 94.9089,
108.4378

■ 40.3319, 24.7058,
33.4309

■ 37.9740, 21.4322,
28.1985

■ 36.2086, 19.2056,
23.5893

■ 34.9641, 17.8868,
19.5671

■ 34.3442, 17.3608,
17.1595

Harmonies

Analogous

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



61.3424, 60.3518, 77.6065



62.8618, 60.3518, 69.9639



62.8749, 60.3518, 61.7639

Triad

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



62.8618, 60.3518, 69.9639



55.9666, 60.3518, 51.5640



53.5265, 60.3518, 77.4987

Complementary

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



62.8618, 60.3518, 69.9639



61.7215, 70.8331, 72.0505

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.



52.1822, 60.3518, 69.8266



62.8618, 60.3518, 69.9639



53.5587, 60.3518, 55.1011

Square

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



62.8618, 60.3518, 69.9639



58.8283, 60.3518, 51.5940



52.1938, 60.3518, 61.6376



55.9214, 60.3518, 82.1977

Rectangle

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



62.8618, 60.3518, 69.9639



62.0244, 60.3518, 57.0967



52.1938, 60.3518, 61.6376



52.9404, 60.3518, 75.1550

Sweetspot

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



62.8635, 60.3545, 69.9652



91.0715, 93.3397, 103.5761



60.3337, 58.8227, 80.1262



19.3375, 19.7188, 21.9593



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.



62.8635, 60.3545, 69.9652



80.2745, 75.4293, 88.6210



61.0699, 59.6370, 60.5202



13.9916, 13.8143, 15.7259



19.6531, 9.9283, 10.1052



1.4074, 0.7063, 0.9384

Inverse Universe

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



62.8635, 60.3545, 69.9652



80.2745, 75.4293, 88.6210



63.6906, 71.6208, 82.4195



13.9916, 13.8143, 15.7259



19.6531, 9.9283, 10.1052



1.4074, 0.7063, 0.9384

Previews

White Background



This preview shows how the XYZ color 62.8618, 60.3518, 69.9639 looks on a white background.

Color Contrast Check

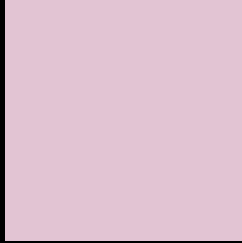
Large Text (above 18pt) WCAG AA × Fail

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 62.8618, 60.3518, 69.9639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

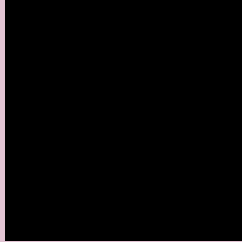
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.8618, 60.3518, 69.9639

Background



This preview shows how black text looks on a background with the XYZ color 62.8618, 60.3518, 69.9639.



This preview shows how white text looks on a background with the XYZ color 62.8618, 60.3518,

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

62.8618, 60.3518, 69.9639

Protanopia

58.7985, 60.5973, 72.8874

Deuteranopia

61.7707, 60.4635, 70.0430



Tritanopia

62.8618, 60.3518, 69.9639

Trichromacy



Original Color

62.8618, 60.3518, 69.9639

Protanomaly

60.2324, 60.3097, 72.0847

Deuteranomaly

62.1555, 60.3236, 69.9957

Tritanomaly

62.8618, 60.3518, 69.9639

Monochromacy



Original Color

62.8618, 60.3518, 69.9639

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

60.4727, 61.5621, 68.3699

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.8618, 60.3518, 69.9639 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, 196, 211)` looks like.

```
.text, #text, p{  
    color:rgb(226, 196, 211)  
}
```

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, 196, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 196, 211) }
```

Border

The CSS property to change the border of an element to XYZ 62.8618, 60.3518, 69.9639 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, 196, 211) }
```


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

```
.border{ border-color:rgb(226, 196, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 196, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 196, 211); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 196, 211); box-shadow:4px 4px 4px 4px rgb(226, 196, 211) }
```

Background

The CSS property to change the background color of an element to XYZ 62.8618, 60.3518, 69.9639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 196, 211) }
```

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

```
.background{ background-color: rgb(226,  
196, 211) }
```

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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