

Converting Colors

XYZ(63.0620, 60.2553, 69.6076)

Have a look what the booklet for
XYZ(63.0620, 60.2553, 69.6076)
contains.

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Color

**XYZ(62.9515, 60.0643,
69.9037)**

Conversions

Conversions Part 1

Format	Color
Hex	E3C3D3
RGB	227, 195, 211
RGB Percent	89%, 76%, 83%
CMY	0.1098, 0.2353, 0.1725
CMYK	0.00, 0.14, 0.07, 0.11
HSL	330°, 36%, 83%
HSV	330°, 14%, 89%
XYZ	62.9515, 60.0643, 69.9037
YIQ	206.3920, 13.9360, 11.7600

Conversions

Conversions Part 2

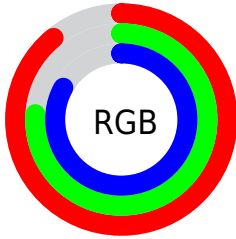
Format	Color
RYB	227, 195, 211
Decimal	14926803
CIELab	81.87, 13.97, -3.79
CIElCh	82, 14.476, 344.831
Yxy	60.0643, 0.3263, 0.3113
Android (android.graphics.Color)	4293116883 (0xFFE3C3D3)
YUV	206.3920, 2.2717, 18.0732
Hunter-Lab	77.5012, 9.3623, 0.7730

Details

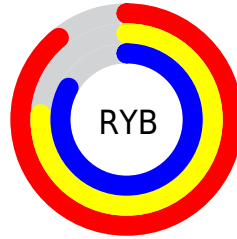
The XYZ color **62.9515, 60.0643, 69.9037** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **61.7349, 71.2449, 72.1292**, and the grayscale version is **58.8985, 61.9658, 67.4807**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **32.4053, 30.1420, 36.0083** is the 20% darker color. If you saturate the color by 10%, you get **56.8740, 50.1063, 61.1032**, and if you desaturate by 10%, it is **69.9061, 71.6142, 79.4938**.

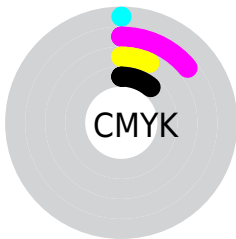
Distribution



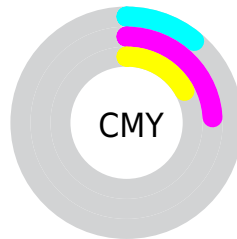
- Red (89%)
- Green (76%)
- Blue (83%)



- Red (89%)
- Yellow (76%)
- Blue (83%)



- Cyan (0%)
- Magenta (14%)
- Yellow (7%)
- Black (11%)





- Cyan (11%)
- Magenta (24%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.9515, 60.0643, 69.9037 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 62.9515, 60.0643, 69.9037 by changing the saturation by 10% instead.


 62.9515, 60.0643,
69.9037

 62.9515, 60.0643,
69.9037


425.0559,
424.8347, 478.9918

 46.0605, 43.4705,
50.9717


 108.1817,
104.9229, 120.7512

 32.4984, 30.2544,
35.8095


137.2517,
133.9565, 153.5039

 21.8998, 20.0318,
23.9986


171.1119,
167.9055, 191.7005

 13.8995, 12.4181,
15.1204

210.1279,
207.1542, 235.7596

 8.1320, 7.0291,
8.7564

254.6649,
252.0871, 286.0997

 4.2321, 3.4803,
4.4880

305.0884,

 1.8342, 1.3873,

303.0886, 343.1394

1.8967

361.7636,
360.5430, 407.2973

■ 0.5382, 0.2074,
0.4906

■ 0.0000, 0.0000,
0.0000

■ 62.9515, 60.0643,
69.9037

■ 62.9515, 60.0643,
69.9037

■ 56.8740, 50.1063,
61.1032

■ 69.9061, 71.6142,
79.4938

■ 51.6316, 41.6617,
53.0661

■ 77.7673, 84.8139,
89.8911

■ 47.1865, 34.6575,
45.7700

■ 83.9287, 94.4470,
100.2372

■ 43.4957, 29.0114,
39.1896

■ 85.4888, 95.0710,
108.4525

■ 40.5121, 24.6325,
33.2980

■ 38.1826, 21.4189,
28.0660

■ 36.4464, 19.2526,
23.4609

■ 35.2297, 17.9900,
19.4455

■ 34.6870, 17.5343,
17.3232

Harmonies

Analogous

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



61.3338, 60.0643, 78.0774



62.9515, 60.0643, 69.9037



62.9611, 60.0643, 61.1855

Triad

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



62.9515, 60.0643, 69.9037



55.5982, 60.0643, 50.4412



53.0220, 60.0643, 77.9983

Complementary

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



62.9515, 60.0643, 69.9037



61.7349, 71.2449, 72.1292

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.



51.5945, 60.0643, 69.8033



62.9515, 60.0643, 69.9037



53.0454, 60.0643, 54.1746

Square

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



62.9515, 60.0643, 69.9037



58.6410, 60.0643, 50.4628



51.6029, 60.0643, 61.0937



55.5652, 60.0643, 83.0269

Rectangle

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



62.9515, 60.0643, 69.9037



62.0506, 60.0643, 56.2498



51.6029, 60.0643, 61.0937



52.3998, 60.0643, 75.4918

Sweetspot

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



62.9532, 60.0669, 69.9050



91.0715, 93.3397, 103.5762



60.2465, 58.4281, 80.7761



19.3375, 19.7188, 21.9594



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.



62.9532, 60.0669, 69.9050



79.4502, 74.0738, 87.4427



61.0461, 59.3041, 59.8624



14.6760, 14.4876, 16.4942



20.2883, 10.2495, 10.4131



1.5461, 0.7762, 1.0164

Inverse Universe

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



62.9532, 60.0669, 69.9050



79.4502, 74.0738, 87.4427



63.8417, 72.0876, 83.2232



14.6760, 14.4876, 16.4942



20.2883, 10.2495, 10.4131



1.5461, 0.7762, 1.0164

Previews

White Background



This preview shows how the XYZ color 62.9515, 60.0643, 69.9037 looks on a white background.

Color Contrast Check

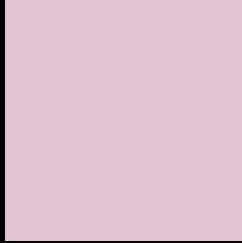
Large Text (above 18pt) WCAG AA × Fail

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 62.9515, 60.0643, 69.9037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

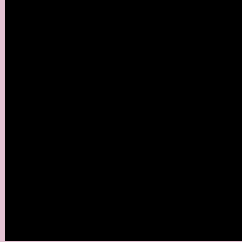
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.9515, 60.0643, 69.9037

Background



This preview shows how black text looks on a background with the XYZ color 62.9515, 60.0643, 69.9037.

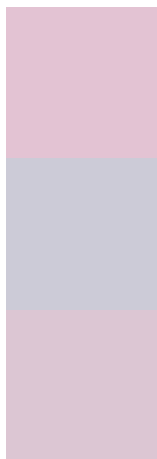


This preview shows how white text looks on a background with the XYZ color 62.9515, 60.0643,

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

62.9515, 60.0643, 69.9037

Protanopia

58.5235, 60.4555, 72.8745

Deuteranopia

61.4672, 60.3070, 70.0288



Tritanopia

62.8265, 60.0143, 69.2454

Trichromacy



Original Color

62.9515, 60.0643, 69.9037

Protanomaly

59.9433, 60.1606, 72.0711

Deuteranomaly

62.1555, 60.3236, 69.9957

Tritanomaly

62.8265, 60.0143, 69.2454

Monochromacy



Original Color

62.9515, 60.0643, 69.9037

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

60.2373, 61.0913, 68.2915

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.9515, 60.0643, 69.9037 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(227, 195, 211)` looks like.

```
.text, #text, p{  
    color:rgb(227, 195, 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(227, 195, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 195, 211) }
```

Border

The CSS property to change the border of an element to XYZ 62.9515, 60.0643, 69.9037 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(227, 195, 211) }
```


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

```
.border{ border-color:rgb(227, 195, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 195, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 195, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 195, 211);  
box-shadow:4px 4px 4px 4px rgb(227, 195,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 62.9515, 60.0643, 69.9037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 195, 211) }
```

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

```
.background{ background-color: rgb(227,  
195, 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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