

Converting Colors

XYZ(63.2067, 60.6432, 70.9358)

Have a look what the booklet for
XYZ(63.2067, 60.6432, 70.9358)
contains.

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Color

**XYZ(62.9876, 60.4021,
70.6263)**

Conversions

Conversions Part 1

Format	Color
Hex	E2C4D4
RGB	226, 196, 212
RGB Percent	89%, 77%, 83%
CMY	0.1137, 0.2314, 0.1686
CMYK	0.00, 0.13, 0.06, 0.11
HSL	328°, 34%, 83%
HSV	328°, 13%, 89%
XYZ	62.9876, 60.4021, 70.6263
YIQ	206.7940, 12.7440, 11.3360

Conversions

Conversions Part 2

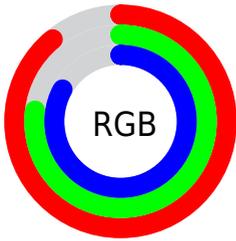
Format	Color
R _Y B	226, 196, 212
Decimal	14861524
CIE Lab	82.06, 13.27, -4.06
CIE LCh	82, 13.875, 342.965
Yxy	60.4021, 0.3247, 0.3113
Android (android.graphics.Color)	4293051604 (0xFFE2C4D4)
YUV	206.7940, 2.5666, 16.8437
Hunter-Lab	77.7188, 8.6584, 0.5239

Details

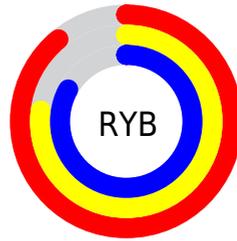
The XYZ color **62.9876, 60.4021, 70.6263** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **61.5965, 70.7832, 71.3922**, and the grayscale version is **59.1553, 62.2360, 67.7750**.

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 **56.9818, 50.4502, 62.2729**, and if you desaturate by 10%, it is **69.8517, 71.9298, 79.6962**.

Distribution



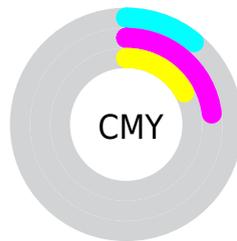
- Red (89%)
- Green (77%)
- Blue (83%)



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



- Cyan (0%)
- Magenta (13%)
- Yellow (6%)
- Black (11%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.9876, 60.4021, 70.6263 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 62.9876, 60.4021, 70.6263 by changing the saturation by 10% instead.

62.9876, 60.4021,
70.6263

62.9876, 60.4021,
70.6263

425.1849,
426.0783, 481.5944

46.0898, 43.7428,
51.5573

108.2335,
105.4127, 121.7909

32.5216, 30.4684,
36.2725

137.3124,
134.5329, 154.7237

21.9177, 20.1944,
24.3534

171.1822,
168.5755, 193.1148

13.9127, 12.5364,
15.3814

210.2085,
207.9248, 237.3828

8.1413, 7.1101,
8.9379

254.7566,
252.9654, 287.9462

4.2380, 3.5311,
4.6044

305.1918,

1.8377, 1.4149,

304.0816, 345.2236

1.9625

361.8794,
361.6578, 409.6335

■ 0.5402, 0.2276,
0.5320

■ 0.0000, 0.0000,
0.0000

■ 62.9876, 60.4021,
70.6263

■ 62.9876, 60.4021,
70.6263

■ 56.9818, 50.4502,
62.2729

■ 69.8517, 71.9298,
79.6962

■ 51.7932, 41.9969,
54.6119

■ 77.6025, 85.0901,
89.4977

■ 47.3850, 34.9707,
47.6235

■ 83.3997, 94.1991,
99.0926

■ 43.7154, 29.2908,
41.2852

■ 85.0448, 94.8571,
107.7554

■ 40.7387, 24.8685,
35.5727

■ 85.1744, 94.9089,
108.4378

■ 38.4034, 21.6040,
30.4596

■ 36.6506, 19.3824,
25.9168

■ 35.4092, 18.0648,
21.9106

■ 34.7862, 17.5377,
19.4870

Harmonies

Analogous

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



61.3506, 60.4021, 78.3425



62.9876, 60.4021, 70.6263



63.0982, 60.4021, 62.2014

Triad

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



62.9876, 60.4021, 70.6263



56.1513, 60.4021, 51.2165



53.3716, 60.4021, 77.4321

Complementary

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



62.9876, 60.4021, 70.6263



61.5965, 70.7832, 71.3922

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.



52.0750, 60.4021, 69.4676



62.9876, 60.4021, 70.6263



53.6426, 60.4021, 54.6159

Square

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



62.9876, 60.4021, 70.6263



59.0827, 60.4021, 51.4689



52.1725, 60.4021, 61.1370



55.7699, 60.4021, 82.4959

Rectangle

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



62.9876, 60.4021, 70.6263



62.2858, 60.4021, 57.3447



52.1725, 60.4021, 61.1370



52.7962, 60.4021, 74.9774

Sweetspot

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



62.9893, 60.4048, 70.6276



91.1248, 93.3610, 103.8571



60.0481, 58.6755, 80.1129



19.3510, 19.7242, 22.0304



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.



62.9893, 60.4048, 70.6276



80.4714, 75.5081, 89.6578



61.1842, 59.6827, 61.1217



14.0112, 13.8221, 15.8293



19.9059, 10.0294, 11.4363



1.4249, 0.7132, 1.0303

Inverse Universe

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



62.9893, 60.4048, 70.6276



80.4714, 75.5081, 89.6578



63.5538, 71.5661, 81.6990



14.0112, 13.8221, 15.8293



19.9059, 10.0294, 11.4363



1.4249, 0.7132, 1.0303

Previews

White Background



This preview shows how the XYZ color 62.9876, 60.4021, 70.6263 looks on a white background.

Color Contrast Check

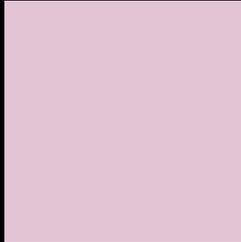
Large Text (above 18pt) WCAG AA × Fail

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 62.9876, 60.4021, 70.6263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

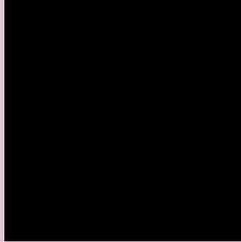
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.9876, 60.4021, 70.6263

Background



This preview shows how black text looks on a background with the XYZ color 62.9876, 60.4021, 70.6263.



This preview shows how white text looks on a background with the XYZ color 62.9876, 60.4021,

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

62.9876, 60.4021, 70.6263

Protanopia

58.6524, 60.5071, 73.5535

Deuteranopia

61.8965, 60.5138, 70.7054



Tritanopia

62.8618, 60.3518, 69.9639

Trichromacy



Original Color

62.9876, 60.4021, 70.6263

Protanomaly

60.0714, 60.2119, 72.7459

Deuteranomaly

62.2813, 60.3739, 70.6581

Tritanomaly

62.8618, 60.3518, 69.9639

Monochromacy



Original Color

62.9876, 60.4021, 70.6263

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

60.5961, 61.6115, 69.0200

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.9876, 60.4021, 70.6263 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, 212)` looks like.

```
.text, #text, p{  
    color:rgb(226, 196, 212)  
}
```

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, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 196, 212) }
```

Border

The CSS property to change the border of an element to XYZ 62.9876, 60.4021, 70.6263 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, 212) }
```

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

```
.border{ border-color:rgb(226, 196, 212) }
```

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, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 196, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 196, 212);  
box-shadow:4px 4px 4px 4px rgb(226, 196,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 62.9876, 60.4021, 70.6263 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, 212) }
```

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

```
.background{ background-color: rgb(226,  
196, 212) }
```

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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