

Converting Colors

XYZ(63.8512, 60.7408, 76.3362)

Have a look what the booklet for
XYZ(63.8512, 60.7408, 76.3362)
contains.

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Color

**XYZ(63.7095, 60.6547,
76.0598)**

Conversions

Conversions Part 1

Format	Color
Hex	E1C4DC
RGB	225, 196, 220
RGB Percent	88%, 77%, 86%
CMY	0.1176, 0.2314, 0.1372
CMYK	0.00, 0.13, 0.02, 0.12
HSL	310°, 33%, 83%
HSV	310°, 13%, 88%
XYZ	63.7095, 60.6547, 76.0598
YIQ	207.4070, 9.5800, 13.6120

Conversions

Conversions Part 2

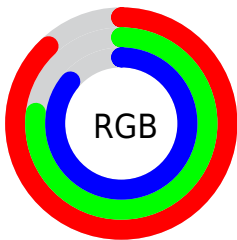
Format	Color
R _Y B	225, 196, 220
Decimal	14795996
CIE Lab	82.19, 14.34, -8.16
CIE LCh	82, 16.496, 330.353
Yxy	60.6547, 0.3179, 0.3026
Android (android.graphics.Color)	4292986076 (0xFFE1C4DC)
YUV	207.4070, 6.2083, 15.4291
Hunter-Lab	77.8811, 9.7273, -3.3867

Details

The XYZ color **63.7095, 60.6547, 76.0598** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **60.2351, 69.8049, 65.5605**, and the grayscale version is **59.5290, 62.6291, 68.2031**.

A 20% lighter version of the original color is **94.4153, 98.7306, 108.6884**, and **33.0421, 30.6087, 39.7639** is the 20% darker color. If you saturate the color by 10%, you get **58.5027, 51.0531, 71.8189**, and if you desaturate by 10%, it is **69.6928, 71.7884, 80.6199**.

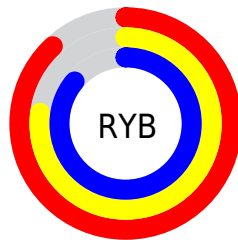
Distribution



Red (88%)

Green (77%)

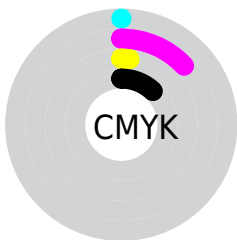
Blue (86%)



Red (88%)

Yellow (77%)

Blue (86%)

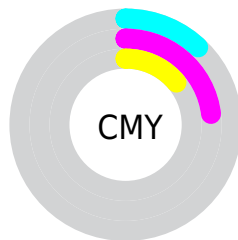


Cyan (0%)

Magenta (13%)

Yellow (2%)

Black (12%)



Cyan (12%)

Magenta (23%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.7095, 60.6547, 76.0598 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 63.7095, 60.6547, 76.0598 by changing the saturation by 10% instead.

63.7095, 60.6547,
76.0598

63.7095, 60.6547,
76.0598

427.7587,
427.0068, 500.9047

46.6762, 43.9466,
55.9746

109.2685,
105.7788, 129.5723

32.9866, 30.6285,
39.7787

138.5250,
134.9636, 163.8367

22.2754, 20.3161,
27.0536

172.5866,
169.0760, 203.6645

14.1771, 12.6250,
17.3807

211.8187,
208.5005, 249.4744

8.3265, 7.1709,
10.3414

256.5866,
253.6214, 301.6848

4.3581, 3.5692,
5.5174

307.2556,

1.9067, 1.4356,

304.8231, 360.7142

2.4899

364.1912,
362.4901, 426.9814

■ 0.5807, 0.2428,
0.8348

■ 0.0000, 0.0000,
0.0000

■ 63.7095, 60.6547,
76.0598

■ 63.7095, 60.6547,
76.0598

■ 58.5027, 51.0531,
71.8189

■ 69.6928, 71.7884,
80.6199

■ 54.0333, 42.9082,
67.8814

■ 76.4791, 84.5098,
85.5061

■ 50.2666, 36.1500,
64.2363

■ 81.3262, 93.3336,
89.8056

■ 47.1632, 30.6996,
60.8700

■ 81.8825, 93.5561,
92.7348

44.6796, 26.4701,
57.7675

82.4510, 93.7835,
95.7284

42.7669, 23.3642,
54.9121

83.0318, 94.0158,
98.7869

41.3691, 21.2697,
52.2848

83.6250, 94.2531,
101.9107

40.4183, 20.0509,
49.8626

84.2307, 94.4953,
105.1001

39.9362, 19.5615,
48.2382

84.8489, 94.7426,
108.3555

Harmonies

Analogous

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



61.1243, 60.6547, 84.1417



63.7095, 60.6547, 76.0598



64.6573, 60.6547, 65.9239

Triad

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



63.7095, 60.6547, 76.0598



57.6090, 60.6547, 48.5577



52.0271, 60.6547, 76.2862

Complementary

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



63.7095, 60.6547, 76.0598



60.2351, 69.8049, 65.5605

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.



51.1691, 60.6547, 66.1616



63.7095, 60.6547, 76.0598



54.3108, 60.6547, 50.7451

Square

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



63.7095, 60.6547, 76.0598



61.0496, 60.6547, 50.6455



51.9883, 60.6547, 56.9461



54.3799, 60.6547, 84.2814

Rectangle

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



63.7095, 60.6547, 76.0598



64.2042, 60.6547, 59.5533



51.9883, 60.6547, 56.9461



51.5586, 60.6547, 72.9871

Sweetspot

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



63.7113, 60.6573, 76.0611



91.6000, 93.5511, 106.3594



57.3757, 57.3136, 79.2737



19.4714, 19.7724, 22.6647



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.



63.7113, 60.6573, 76.0611



82.9945, 77.5594, 99.7323



61.8934, 59.9302, 66.4885



14.1882, 13.8929, 16.7615



23.0512, 11.2875, 27.9989



1.6249, 0.7932, 2.0835

Inverse Universe

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



63.7113, 60.6573, 76.0611



82.9945, 77.5594, 99.7323



62.0008, 70.5112, 74.8587



14.1882, 13.8929, 16.7615



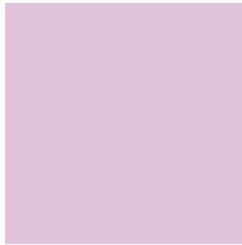
23.0512, 11.2875, 27.9989



1.6249, 0.7932, 2.0835

Previews

White Background



This preview shows how the XYZ color 63.7095, 60.6547, 76.0598 looks on a white background.

Color Contrast Check

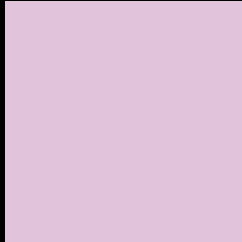
Large Text (above 18pt) WCAG AA × Fail

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 63.7095, 60.6547, 76.0598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

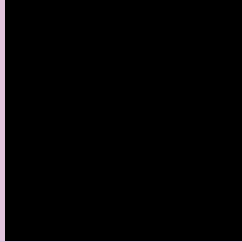
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.7095, 60.6547, 76.0598

Background



This preview shows how black text looks on a background with the XYZ color 63.7095, 60.6547, 76.0598.



This preview shows how white text looks on a background with the XYZ color 63.7095, 60.6547,

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

63.7095, 60.6547, 76.0598

Protanopia

59.1676, 60.6502, 79.1092

Deuteranopia

62.1230, 60.8667, 75.4921



Tritanopia

62.7170, 60.5839, 71.3391

Trichromacy



Original Color

63.7095, 60.6547, 76.0598

Protanomaly

60.5519, 60.3379, 78.2670

Deuteranomaly

62.7991, 60.8748, 75.4580

Tritanomaly

63.1014, 60.7377, 73.3635

Monochromacy



Original Color

63.7095, 60.6547, 76.0598

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

60.9712, 61.7615, 70.9950

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.7095, 60.6547, 76.0598 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(225, 196, 220)` looks like.

```
.text, #text, p{  
    color:rgb(225, 196, 220)  
}
```

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(225, 196, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 196, 220) }
```

Border

The CSS property to change the border of an element to XYZ 63.7095, 60.6547, 76.0598 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(225, 196, 220) }
```


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

```
.border{ border-color:rgb(225, 196, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 196, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 196, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 196, 220);  
box-shadow:4px 4px 4px 4px rgb(225, 196,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 63.7095, 60.6547, 76.0598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 196, 220) }
```

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

```
.background{ background-color: rgb(225,  
196, 220) }
```

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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