

Converting Colors

XYZ(62.4794, 58.7743, 72.3415)

Have a look what the booklet for
XYZ(62.4794, 58.7743, 72.3415)
contains.

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Color

**XYZ(62.4794, 58.7743,
72.3415)**

Conversions

Conversions Part 1

Format	Color
Hex	E2C0D7
RGB	226, 192, 215
RGB Percent	89%, 75%, 84%
CMY	0.1137, 0.2470, 0.1569
CMYK	0.00, 0.15, 0.05, 0.11
HSL	319°, 37%, 82%
HSV	319°, 15%, 89%
XYZ	62.4794, 58.7743, 72.3415
YIQ	204.7880, 12.8810, 14.3610

Conversions

Conversions Part 2

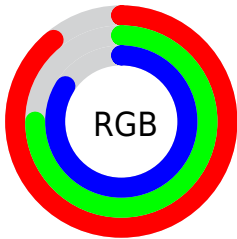
Format	Color
R _Y B	226, 192, 215
Decimal	14860503
CIE Lab	81.17, 15.92, -6.99
CIE LCh	81, 17.388, 336.305
Yxy	58.7743, 0.3227, 0.3036
Android (android.graphics.Color)	4293050583 (0xFFE2C0D7)
YUV	204.7880, 5.0345, 18.6029
Hunter-Lab	76.6644, 11.3099, -2.2817

Details

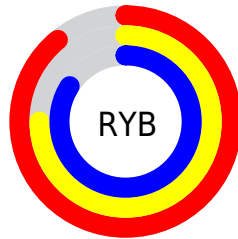
The XYZ color **62.4794, 58.7743, 72.3415** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **59.7164, 69.9126, 66.8503**, and the grayscale version is **57.8584, 60.8715, 66.2891**.

A 20% lighter version of the original color is **92.8574, 95.6148, 108.1691**, and **32.0112, 29.2611, 37.2185** is the 20% darker color. If you saturate the color by 10%, you get **56.9747, 49.2346, 65.9741**, and if you desaturate by 10%, it is **68.7914, 69.8599, 79.1866**.

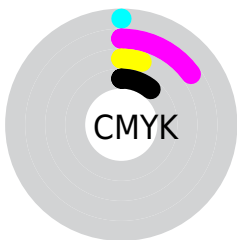
Distribution



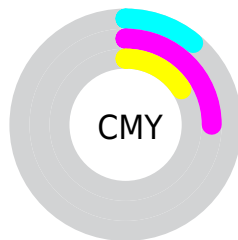
- Red (89%)
- Green (75%)
- Blue (84%)



- Red (89%)
- Yellow (75%)
- Blue (84%)



- Cyan (0%)
- Magenta (15%)
- Yellow (5%)
- Black (11%)




- Cyan (11%)
- Magenta (25%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.4794, 58.7743, 72.3415 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 62.4794, 58.7743, 72.3415 by changing the saturation by 10% instead.


 62.4794, 58.7743,
72.3415

 62.4794, 58.7743,
72.3415


423.3674,
420.0650, 487.7388

 45.6772, 42.4315,
52.9491

 107.5041,
103.0496, 124.2542

 32.1947, 29.4393,
37.3747


136.4574,
131.7508, 157.6116

 21.6666, 19.4134,
25.1997

170.1918,
165.3402, 196.4610

 13.7273, 11.9694,
16.0055

209.0726,
204.2023, 241.2212

 8.0117, 6.7228,
9.3737

253.4652,
248.7215, 292.3105

 4.1543, 3.2894,
4.8856

303.7350,

 1.7898, 1.2846,

299.2820, 350.1475

2.1227

360.2473,
356.2684, 415.1508

■ 0.5115, 0.1292,
0.6292

■ 0.0000, 0.0000,
0.0000

■ 62.4794, 58.7743,
72.3415

■ 62.4794, 58.7743,
72.3415

■ 56.9747, 49.2346,
65.9741

■ 68.7914, 69.8599,
79.1866

■ 52.2372, 41.1635,
60.0663

■ 75.9387, 82.5486,
86.5194

■ 48.2305, 34.4887,
54.6040

■ 82.4016, 93.7998,
93.8364

■ 44.9135, 29.1287,
49.5706

■ 83.4919, 94.2359,
99.5776

■ 42.2407, 24.9935,
44.9482

■ 84.6262, 94.6897,
105.5508

■ 40.1609, 21.9817,
40.7168

■ 85.1744, 94.9090,
108.4378

■ 38.6148, 19.9754,
36.8536

■ 37.5296, 18.8303,
33.3314

■ 37.1038, 18.4647,
31.6911

Harmonies

Analogous

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



60.0847, 58.7743, 81.4335



62.4794, 58.7743, 72.3415



63.0679, 58.7743, 61.8320

Triad

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



62.4794, 58.7743, 72.3415



55.1027, 58.7743, 46.1629



50.4418, 58.7743, 76.5326

Complementary

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



62.4794, 58.7743, 72.3415



59.7164, 69.9126, 66.8503

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.



49.2292, 58.7743, 66.2084



62.4794, 58.7743, 72.3415



51.8443, 58.7743, 49.2431

Square

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



62.4794, 58.7743, 72.3415



58.7062, 58.7743, 47.4285



49.7314, 58.7743, 56.3169



53.1136, 58.7743, 84.0301

Rectangle

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



62.4794, 58.7743, 72.3415



62.3353, 58.7743, 55.5652



49.7314, 58.7743, 56.3169



49.8554, 58.7743, 73.2375

Sweetspot

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



62.4811, 58.7769, 72.3428



90.4594, 91.8703, 104.1281



57.1446, 55.8569, 79.7220



19.2288, 19.4287, 22.1470



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.



62.4811, 58.7769, 72.3428



79.8152, 73.2101, 92.4778



60.4357, 57.9587, 61.5719



14.0965, 13.8562, 16.2784



21.2241, 10.5566, 18.3775



1.5116, 0.7479, 1.4869

Inverse Universe

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



62.4811, 58.7769, 72.3428



79.8152, 73.2101, 92.4778



61.8239, 70.7556, 77.9484



14.0965, 13.8562, 16.2784



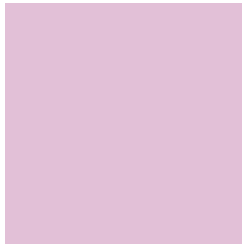
21.2241, 10.5566, 18.3775



1.5116, 0.7479, 1.4869

Previews

White Background



This preview shows how the XYZ color 62.4794, 58.7743, 72.3415 looks on a white background.

Color Contrast Check

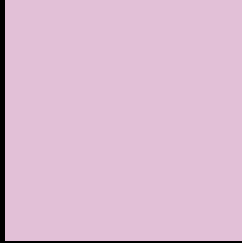
Large Text (above 18pt) WCAG AA × Fail

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 62.4794, 58.7743, 72.3415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

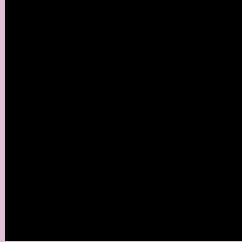
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.4794, 58.7743, 72.3415

Background



This preview shows how black text looks on a background with the XYZ color 62.4794, 58.7743, 72.3415.



This preview shows how white text looks on a background with the XYZ color 62.4794, 58.7743,

72.3415.

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

62.4794, 58.7743, 72.3415

Protanopia

57.3920, 58.7552, 76.0262

Deuteranopia

60.1964, 58.9338, 71.8210



Tritanopia

61.5065, 58.7015, 67.7633

Trichromacy



Original Color

62.4794, 58.7743, 72.3415

Protanomaly

58.9156, 58.5498, 74.5257

Deuteranomaly

61.1679, 59.1009, 71.8020

Tritanomaly

61.8792, 58.8506, 69.7259

Monochromacy



Original Color

62.4794, 58.7743, 72.3415

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

59.6035, 60.0581, 68.7725

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.4794, 58.7743, 72.3415 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, 192, 215)` looks like.

```
.text, #text, p{  
    color:rgb(226, 192, 215)  
}
```

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, 192, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 192, 215) }
```

Border

The CSS property to change the border of an element to XYZ 62.4794, 58.7743, 72.3415 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, 192, 215) }
```


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

```
.border{ border-color:rgb(226, 192, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 192, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 192, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 192, 215); box-shadow:4px 4px 4px 4px rgb(226, 192, 215) }
```

Background

The CSS property to change the background color of an element to XYZ 62.4794, 58.7743, 72.3415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 192, 215) }
```

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

```
.background{ background-color: rgb(226,  
192, 215) }
```

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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