

Converting Colors

XYZ(64.4971, 62.3982, 72.8297)

Have a look what the booklet for
XYZ(64.4971, 62.3982, 72.8297)
contains.

XYZ(64.5986, 62.5457, 72.9578)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(64.5986, 62.5457,
72.9578)**

Conversions

Conversions Part 1

Format	Color
Hex	E3C8D7
RGB	227, 200, 215
RGB Percent	89%, 78%, 84%
CMY	0.1098, 0.2157, 0.1569
CMYK	0.00, 0.12, 0.05, 0.11
HSL	327°, 33%, 84%
HSV	327°, 12%, 89%
XYZ	64.5986, 62.5457, 72.9578
YIQ	209.7830, 11.2770, 10.3890

Conversions

Conversions Part 2

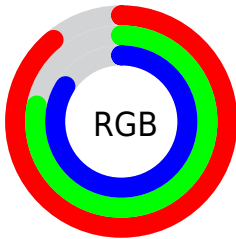
Format	Color
R _Y B	227, 200, 215
Decimal	14928087
CIE Lab	83.20, 12.01, -3.97
CIE LCh	83, 12.649, 341.696
Yxy	62.5457, 0.3228, 0.3126
Android (android.graphics.Color)	4293118167 (0xFFE3C8D7)
YUV	209.7830, 2.5720, 15.0993
Hunter-Lab	79.0858, 7.4015, 0.6642

Details

The XYZ color **64.5986, 62.5457, 72.9578** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.1746, 71.9728, 72.8533**, and the grayscale version is **61.0962, 64.2780, 69.9987**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.6373, 31.8665, 37.6357** is the 20% darker color. If you saturate the color by 10%, you get **58.4702, 52.2995, 64.7144**, and if you desaturate by 10%, it is **71.5911, 74.3904, 81.8853**.

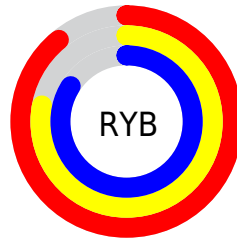
Distribution



Red (89%)

Green (78%)

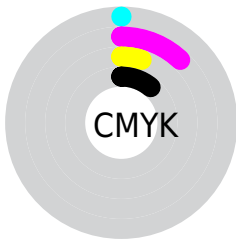
Blue (84%)



Red (89%)

Yellow (78%)

Blue (84%)

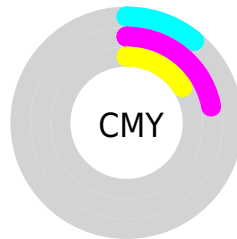


Cyan (0%)

Magenta (12%)

Yellow (5%)

Black (11%)



Cyan (11%)

Magenta (22%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.5986, 62.5457, 72.9578 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 64.5986, 62.5457, 72.9578 by changing the saturation by 10% instead.

64.5986, 62.5457,
72.9578

64.5986, 62.5457,
72.9578

430.9162,
433.9189, 489.9354

47.3992, 45.4738,
53.4498

110.5415,
108.5138, 125.1377

33.5606, 31.8308,
37.7718

140.0157,
138.1788, 158.6466

22.7175, 21.2323,
25.5052

174.3121,
172.8103, 197.6597

14.5046, 13.2939,
16.2314

213.7962,
212.7927, 242.5954

8.5565, 7.6312,
9.5319

258.8333,
258.5103, 293.8723

4.5078, 3.8599,
4.9882

309.7888,

1.9933, 1.5955,

310.3476, 351.9089

2.1817

367.0279,
368.6890, 417.1238

■ 0.6302, 0.3546,
0.6638

■ 0.0000, 0.0000,
0.0000

■ 64.5986, 62.5457,
72.9578

■ 64.5986, 62.5457,
72.9578

■ 58.4702, 52.2995,
64.7144

■ 71.5911, 74.3904,
81.8853

■ 53.1647, 43.5745,
57.1321

■ 79.4760, 87.8902,
91.5110

■ 48.6458, 36.2992,
50.1922

■ 83.9621, 94.4604,
100.4120

■ 44.8720, 30.3931,
43.8736

■ 85.4890, 95.0711,
108.4526

■ 41.7978, 25.7678,
38.1533

■ 39.3724, 22.3243,
33.0065

■ 37.5378, 19.9491,
28.4056

■ 36.2244, 18.5060,
24.3188

■ 35.4512, 17.8400,
21.3466

Harmonies

Analogous

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



63.0266, 62.5457, 80.0179



64.5986, 62.5457, 72.9578



64.7651, 62.5457, 65.0843

Triad

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



64.5986, 62.5457, 72.9578



58.3847, 62.5457, 54.3517



55.5949, 62.5457, 78.6546

Complementary

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



64.5986, 62.5457, 72.9578



63.1746, 71.9728, 72.8533

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.



54.4298, 62.5457, 71.2108



64.5986, 62.5457, 72.9578



56.0071, 62.5457, 57.4314

Square

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



64.5986, 62.5457, 72.9578



61.1201, 62.5457, 54.7404



54.5784, 62.5457, 63.4659



57.8063, 62.5457, 83.4772

Rectangle

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



64.5986, 62.5457, 72.9578



64.0506, 62.5457, 60.4674



54.5784, 62.5457, 63.4659



55.0710, 62.5457, 76.3528

Sweetspot

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



64.6004, 62.5484, 72.9591



91.1604, 93.3753, 104.0446



61.5868, 60.8101, 81.1656



19.3600, 19.7278, 22.0779



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.



64.6004, 62.5484, 72.9591



82.2492, 78.3195, 92.5451



62.9721, 61.8971, 64.3844



14.7105, 14.5014, 16.6756



20.7346, 10.4281, 12.7633



1.5788, 0.7892, 1.1886

Inverse Universe

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



64.6004, 62.5484, 72.9591



82.2492, 78.3195, 92.5451



64.9084, 72.6663, 81.9835



14.7105, 14.5014, 16.6756



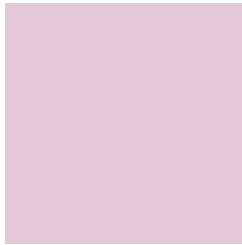
20.7346, 10.4281, 12.7633



1.5788, 0.7892, 1.1886

Previews

White Background



This preview shows how the XYZ color 64.5986, 62.5457, 72.9578 looks on a white background.

Color Contrast Check

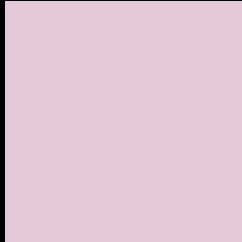
Large Text (above 18pt) WCAG AA × Fail

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 64.5986, 62.5457, 72.9578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

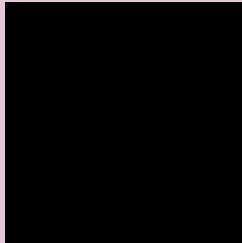
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.5986, 62.5457, 72.9578

Background



This preview shows how black text looks on a background with the XYZ color 64.5986, 62.5457, 72.9578.



This preview shows how white text looks on a background with the XYZ color 64.5986, 62.5457,

72.9578.

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

64.5986, 62.5457, 72.9578

Protanopia

60.8699, 62.6670, 75.9056

Deuteranopia

63.8929, 62.5269, 72.9914



Tritanopia

64.7275, 62.5973, 73.6367

Trichromacy



Original Color

64.5986, 62.5457, 72.9578

Protanomaly

62.2721, 62.6948, 75.1489

Deuteranomaly

64.2037, 62.6871, 73.0059

Tritanomaly

64.7275, 62.5973, 73.6367

Monochromacy



Original Color

64.5986, 62.5457, 72.9578

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

62.2739, 63.4950, 71.2609

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.5986, 62.5457, 72.9578 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, 200, 215)` looks like.

```
.text, #text, p{  
    color:rgb(227, 200, 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(227, 200, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 200, 215) }
```

Border

The CSS property to change the border of an element to XYZ 64.5986, 62.5457, 72.9578 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, 200, 215) }
```


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

```
.border{ border-color:rgb(227, 200, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 200, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 200, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 200, 215);  
box-shadow:4px 4px 4px 4px rgb(227, 200,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 64.5986, 62.5457, 72.9578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 200, 215) }
```

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

```
.background{ background-color: rgb(227,  
200, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor