

Converting Colors

XYZ(64.3930, 62.0217, 76.2877)

Have a look what the booklet for
XYZ(64.3930, 62.0217, 76.2877)
contains.

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Color

**XYZ(64.3930, 62.0217,
76.2877)**

Conversions

Conversions Part 1

Format	Color
Hex	E1C7DC
RGB	225, 199, 220
RGB Percent	88%, 78%, 86%
CMY	0.1176, 0.2196, 0.1372
CMYK	0.00, 0.12, 0.02, 0.12
HSL	312°, 30%, 83%
HSV	312°, 12%, 88%
XYZ	64.3930, 62.0217, 76.2877
YIQ	209.1680, 8.7550, 12.0430

Conversions

Conversions Part 2

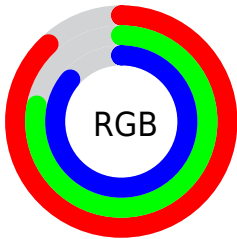
Format	Color
R _Y B	225, 199, 220
Decimal	14796764
CIE Lab	82.92, 12.74, -7.07
CIE LCh	83, 14.572, 330.956
Yxy	62.0217, 0.3177, 0.3060
Android (android.graphics.Color)	4292986844 (0xFFE1C7DC)
YUV	209.1680, 5.3402, 13.8847
Hunter-Lab	78.7539, 8.1311, -2.3056

Details

The XYZ color **64.3930, 62.0217, 76.2877** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.3798, 70.3538, 67.4745**, and the grayscale version is **60.6777, 63.8377, 69.5192**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.4945, 31.5135, 39.9147** is the 20% darker color. If you saturate the color by 10%, you get **59.0288, 52.1979, 71.7090**, and if you desaturate by 10%, it is **70.5410, 73.3876, 81.2024**.

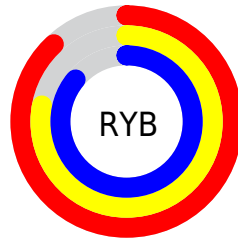
Distribution



Red (88%)

Green (78%)

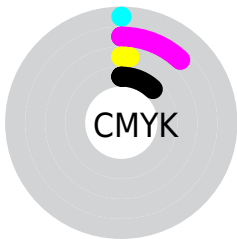
Blue (86%)



Red (88%)

Yellow (78%)

Blue (86%)

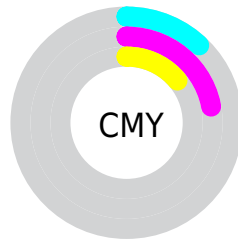


Cyan (0%)

Magenta (12%)

Yellow (2%)

Black (12%)



Cyan (12%)

Magenta (22%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.3930, 62.0217, 76.2877 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 64.3930, 62.0217, 76.2877 by changing the saturation by 10% instead.

64.3930, 62.0217,
76.2877

64.3930, 62.0217,
76.2877

430.1872,
432.0102, 501.7050

47.2319, 45.0502,
56.1604

110.2473,
107.7569, 129.8973

33.4278, 31.4970,
39.9267

139.6712,
137.2894, 164.2167

22.6151, 20.9776,
27.1680

173.9135,
171.7777, 204.1038

14.4287, 13.1076,
17.4659

213.3395,
211.6063, 249.9773

8.5031, 7.5027,
10.4018

258.3144,
257.1594, 302.2556

4.4730, 3.7784,
5.5571

309.2038,

1.9731, 1.5504,

308.8215, 361.3573

2.5133

366.3730,
366.9770, 427.7009

■ 0.6188, 0.3238,
0.8472

■ 0.0000, 0.0000,
0.0000

■ 64.3930, 62.0217,
76.2877

■ 64.3930, 62.0217,
76.2877

■ 59.0288, 52.1979,
71.7090

■ 70.5410, 73.3876,
81.2024

■ 54.4095, 43.8411,
67.4504

■ 77.4990, 86.3504,
86.4601

■ 50.5008, 36.8822,
63.5009

■ 81.5174, 93.4100,
90.8122

■ 47.2636, 31.2431,
59.8468

■ 82.1433, 93.6604,
94.1083

44.6550, 26.8382,
56.4732

82.7845, 93.9169,
97.4848

42.6271, 23.5717,
53.3635

83.4411, 94.1795,
100.9423

41.1247, 21.3337,
50.4989

84.1132, 94.4483,
104.4813

40.0820, 19.9926,
47.8568

84.8008, 94.7234,
108.1024

39.4670, 19.3738,
45.7672

84.8617, 94.7477,
108.4232

Harmonies

Analogous

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



62.1136, 62.0217, 83.4888



64.3930, 62.0217, 76.2877



65.2016, 62.0217, 67.2427

Triad

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



64.3930, 62.0217, 76.2877



58.8490, 62.0217, 51.6608



53.9172, 62.0217, 76.8315

Complementary

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



64.3930, 62.0217, 76.2877



61.3798, 70.3538, 67.4745

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.



53.1109, 62.0217, 67.8203



64.3930, 62.0217, 76.2877



55.8953, 62.0217, 53.7485

Square

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



64.3930, 62.0217, 76.2877



61.9329, 62.0217, 53.5008



53.8223, 62.0217, 59.4716



56.0640, 62.0217, 83.8219

Rectangle

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



64.3930, 62.0217, 76.2877



64.7759, 62.0217, 61.5277



53.8223, 62.0217, 59.4716



53.4839, 62.0217, 73.9128

Sweetspot

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



64.3948, 62.0244, 76.2890



92.4219, 95.1214, 106.8598



58.8546, 59.0906, 79.5387



19.6353, 20.0878, 22.7572



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.



64.3948, 62.0244, 76.2890



83.6139, 78.8653, 99.7314



62.7679, 61.3736, 67.7218



14.1761, 13.8881, 16.6974



22.7839, 11.1806, 26.5914



1.6086, 0.7867, 1.9980

Inverse Universe

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



64.3948, 62.0244, 76.2890



83.6139, 78.8653, 99.7314



62.9745, 70.9917, 75.8720



14.1761, 13.8881, 16.6974



22.7839, 11.1806, 26.5914



1.6086, 0.7867, 1.9980

Previews

White Background



This preview shows how the XYZ color 64.3930, 62.0217, 76.2877 looks on a white background.

Color Contrast Check

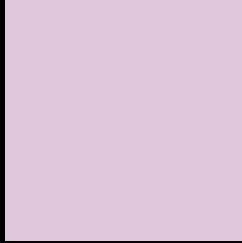
Large Text (above 18pt) WCAG AA × Fail

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 64.3930, 62.0217, 76.2877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

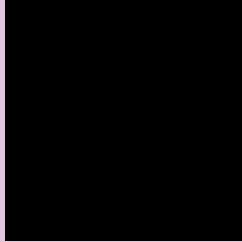
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.3930, 62.0217, 76.2877

Background



This preview shows how black text looks on a background with the XYZ color 64.3930, 62.0217, 76.2877.



This preview shows how white text looks on a background with the XYZ color 64.3930, 62.0217,

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

64.3930, 62.0217, 76.2877

Protanopia

60.4627, 62.0236, 79.3060

Deuteranopia

63.6237, 62.3127, 76.3844



Tritanopia

63.6605, 62.0621, 72.9139

Trichromacy



Original Color

64.3930, 62.0217, 76.2877

Protanomaly

61.8266, 62.0366, 78.5277

Deuteranomaly

63.6967, 62.0055, 76.3212

Tritanomaly

63.9191, 62.1656, 74.2759

Monochromacy



Original Color

64.3930, 62.0217, 76.2877

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

61.8659, 62.9138, 71.8337

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.3930, 62.0217, 76.2877 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, 199, 220)` looks like.

```
.text, #text, p{  
    color:rgb(225, 199, 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, 199, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 199, 220) }
```

Border

The CSS property to change the border of an element to XYZ 64.3930, 62.0217, 76.2877 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, 199, 220) }
```


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

```
.border{ border-color:rgb(225, 199, 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, 199, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 199, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 199, 220);  
box-shadow:4px 4px 4px 4px rgb(225, 199,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 64.3930, 62.0217, 76.2877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 199, 220) }
```

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

```
.background{ background-color: rgb(225,  
199, 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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