

Converting Colors

XYZ(64.9464, 62.9483, 78.5392)

Have a look what the booklet for
XYZ(64.9464, 62.9483, 78.5392)
contains.

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Color

**XYZ(64.9464, 62.9483,
78.5392)**

Conversions

Conversions Part 1

Format	Color
Hex	E0C9DF
RGB	224, 201, 223
RGB Percent	88%, 79%, 87%
CMY	0.1216, 0.2117, 0.1255
CMYK	0.00, 0.10, 0.00, 0.12
HSL	303°, 27%, 83%
HSV	303°, 10%, 88%
XYZ	64.9464, 62.9483, 78.5392
YIQ	210.3850, 6.6460, 11.7180

Conversions

Conversions Part 2

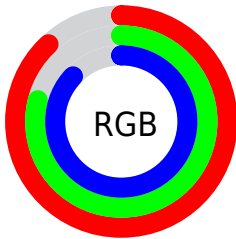
Format	Color
RYB	224, 201, 223
Decimal	14731743
CIELab	83.42, 11.88, -7.96
CIElCh	83, 14.301, 326.179
Yxy	62.9483, 0.3146, 0.3049
Android (android.graphics.Color)	4292921823 (0xFFE0C9DF)
YUV	210.3850, 6.2192, 11.9404
Hunter-Lab	79.3400, 7.2722, -3.1536

Details

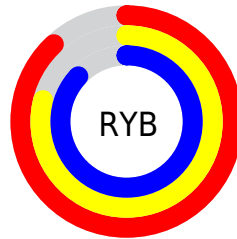
The XYZ color **64.9464, 62.9483, 78.5392** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.4062, 69.9949, 66.1544**, and the grayscale version is **61.4704, 64.6717, 70.4274**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.8638, 32.1296, 41.4626** is the 20% darker color. If you saturate the color by 10%, you get **59.9704, 53.2050, 76.2350**, and if you desaturate by 10%, it is **70.6883, 74.2202, 81.1039**.

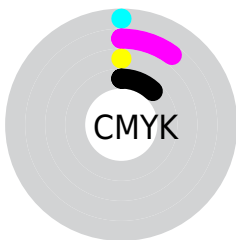
Distribution



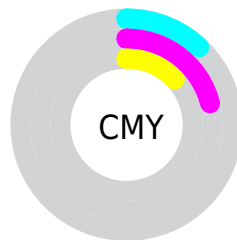
- Red (88%)
- Green (79%)
- Blue (87%)



- Red (88%)
- Yellow (79%)
- Blue (87%)



- Cyan (0%)
- Magenta (10%)
- Yellow (0%)
- Black (12%)



- Cyan (12%)
- Magenta (21%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.9464, 62.9483, 78.5392 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 64.9464, 62.9483, 78.5392 by changing the saturation by 10% instead.

64.9464, 62.9483,
78.5392

64.9464, 62.9483,
78.5392

432.1476,
435.3818, 509.5724

47.6822, 45.7994,
57.9979

111.0389,
109.0949, 133.1027

33.7855, 32.0875,
41.3923

140.5979,
138.8614, 167.9621

22.8909, 21.4284,
28.3037

174.9859,
173.6026, 208.4312

14.6332, 13.4375,
18.3137

214.5682,
213.7027, 254.9287

8.6470, 7.7305,
11.0037

259.7101,
259.5464, 307.8730

4.5669, 3.9230,
5.9551

310.7771,

2.0276, 1.6306,

311.5178, 367.6827

2.7495

368.1345,
370.0015, 434.7763

■ 0.6494, 0.3781,
0.9682

■ 0.0000, 0.0000,
0.0000

■ 64.9464, 62.9483,
78.5392

■ 64.9464, 62.9483,
78.5392

■ 59.9704, 53.2050,
76.2350

■ 70.6883, 74.2202,
81.1039

■ 55.7220, 44.9166,
74.1764

■ 77.2213, 87.0743,
83.9353

■ 52.1677, 38.0153,
72.3528

■ 80.2180, 92.8544,
85.5917

■ 49.2695, 32.4249,
70.7516

■ 80.3520, 92.9080,
86.2976

46.9856, 28.0618,
69.3589

80.4868, 92.9619,
87.0075

45.2693, 24.8328,
68.1591

80.6224, 93.0161,
87.7214

44.0674, 22.6314,
67.1344

80.7587, 93.0707,
88.4393

43.3165, 21.3308,
66.2638

80.8959, 93.1255,
89.1613

42.9116, 20.7158,
65.5286

81.0337, 93.1806,
89.8873

Harmonies

Analogous

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



62.5124, 62.9483, 85.1175



64.9464, 62.9483, 78.5392



66.0087, 62.9483, 69.6895

Triad

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



64.9464, 62.9483, 78.5392



60.2305, 62.9483, 52.8078



54.6140, 62.9483, 76.3909

Complementary

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



64.9464, 62.9483, 78.5392



61.4062, 69.9949, 66.1544

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.



54.0503, 62.9483, 67.4032



64.9464, 62.9483, 78.5392



57.2264, 62.9483, 54.2680

Square

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



64.9464, 62.9483, 78.5392



63.2270, 62.9483, 55.2523



54.9905, 62.9483, 59.4277



56.5578, 62.9483, 83.8036

Rectangle

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



64.9464, 62.9483, 78.5392



65.7699, 62.9483, 63.8699



54.9905, 62.9483, 59.4277



54.2598, 62.9483, 73.4324

Sweetspot

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



64.9482, 62.9510, 78.5406



92.6044, 95.1944, 107.8207



58.6380, 59.6823, 78.9514



19.6847, 20.1076, 23.0175



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.



64.9482, 62.9510, 78.5406



85.8397, 81.9211, 104.7764



63.4793, 62.3634, 70.8050



14.2679, 13.9248, 17.1810



24.9888, 12.0625, 38.2024



1.7402, 0.8393, 2.6906

Inverse Universe

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



64.9482, 62.9510, 78.5406



85.8397, 81.9211, 104.7764



62.7894, 70.5481, 73.4383



14.2679, 13.9248, 17.1810



24.9888, 12.0625, 38.2024



1.7402, 0.8393, 2.6906

Previews

White Background



This preview shows how the XYZ color 64.9464, 62.9483, 78.5392 looks on a white background.

Color Contrast Check

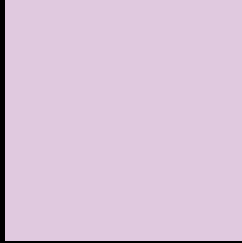
Large Text (above 18pt) WCAG AA × Fail

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 64.9464, 62.9483, 78.5392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

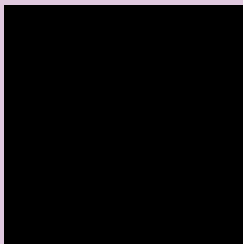
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.9464, 62.9483, 78.5392

Background



This preview shows how black text looks on a background with the XYZ color 64.9464, 62.9483, 78.5392.



This preview shows how white text looks on a background with the XYZ color 64.9464, 62.9483,

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

64.9464, 62.9483, 78.5392

Protanopia

61.4939, 63.2384, 80.9167

Deuteranopia

64.2586, 62.9409, 78.5741



Tritanopia

64.2068, 62.9910, 75.1041

Trichromacy



Original Color

64.9464, 62.9483, 78.5392

Protanomaly

62.8625, 63.2450, 80.1285

Deuteranomaly

64.5640, 63.0984, 78.5884

Tritanomaly

64.4702, 63.0963, 76.4910

Monochromacy



Original Color

64.9464, 62.9483, 78.5392

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

62.6029, 63.9790, 73.3396

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.9464, 62.9483, 78.5392 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(224, 201, 223)` looks like.

```
.text, #text, p{  
    color:rgb(224, 201, 223)  
}
```

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(224, 201, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 201, 223) }
```

Border

The CSS property to change the border of an element to XYZ 64.9464, 62.9483, 78.5392 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(224, 201, 223) }
```


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

```
.border{ border-color:rgb(224, 201, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 201, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 201, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 201, 223);  
box-shadow:4px 4px 4px 4px rgb(224, 201,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 64.9464, 62.9483, 78.5392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 201, 223) }
```

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

```
.background{ background-color: rgb(224,  
201, 223) }
```

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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