

Converting Colors

XYZ(62.7730, 64.5191, 78.1468)

Have a look what the booklet for
XYZ(62.7730, 64.5191, 78.1468)
contains.

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Color

**XYZ(62.8492, 64.7237,
78.2877)**

Conversions

Conversions Part 1

Format	Color
Hex	D3D1DE
RGB	211, 209, 222
RGB Percent	83%, 82%, 87%
CMY	0.1725, 0.1804, 0.1294
CMYK	0.05, 0.06, 0.00, 0.13
HSL	249°, 16%, 85%
HSV	249°, 6%, 87%
XYZ	62.8492, 64.7237, 78.2877
YIQ	211.0800, -2.9810, 4.4670

Conversions

Conversions Part 2

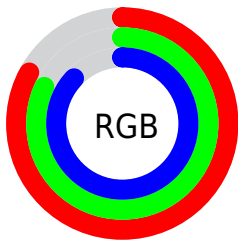
Format	Color
R _Y B	211, 209, 222
Decimal	13881822
CIE Lab	84.34, 3.10, -6.17
CIE LCh	84, 6.906, 296.652
Yxy	64.7237, 0.3053, 0.3144
Android (android.graphics.Color)	4292071902 (0xFFD3D1DE)
YUV	211.0800, 5.3836, -0.0702
Hunter-Lab	80.4510, -1.3432, -1.3800

Details

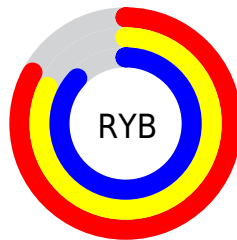
The XYZ color **62.8492, 64.7237, 78.2877** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.1476, 72.0634, 70.6954**, and the grayscale version is **61.9382, 65.1639, 70.9634**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.4067, 33.3006, 41.2789** is the 20% darker color. If you saturate the color by 10%, you get **52.7058, 51.9660, 76.3608**, and if you desaturate by 10%, it is **74.3845, 79.3292, 80.4998**.

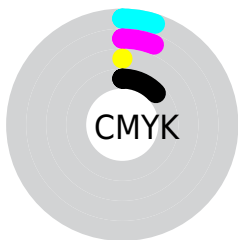
Distribution



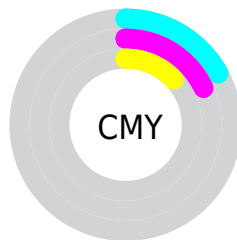
- Red (83%)
- Green (82%)
- Blue (87%)



- Red (83%)
- Yellow (82%)
- Blue (87%)



- Cyan (5%)
- Magenta (6%)
- Yellow (0%)
- Black (13%)



- Cyan (17%)
- Magenta (18%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.8492, 64.7237, 78.2877 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 62.8492, 64.7237, 78.2877 by changing the saturation by 10% instead.

■ 62.8492, 64.7237,
78.2877

■ 62.8492, 64.7237,
78.2877

424.6904,
441.7984, 508.6971

■ 45.9774, 47.2371,
57.7925

108.0350,
111.6525, 132.7452

■ 32.4325, 33.2231,
41.2283

137.0796,
141.8635, 167.5445

■ 21.8492, 22.2974,
28.1764

170.9127,
177.0848, 207.9490

■ 13.8621, 14.0756,
18.2185

209.8994,
217.7006, 254.3771

■ 8.1059, 8.1733,
10.9359

254.4052,
264.0955, 307.2475

■ 4.2152, 4.2060,
5.9101

304.7953,

■ 1.8246, 1.7895,

316.6539, 366.9785

2.7226

361.4353,
375.7600, 433.9889

■ 0.5324, 0.4806,
0.9548

■ 0.0000, 0.0000,
0.0000

■ 62.8492, 64.7237,
78.2877

■ 62.8492, 64.7237,
78.2877

■ 52.7058, 51.9660,
76.3608

■ 74.3845, 79.3292,
80.4998

■ 43.8960, 40.9743,
74.7035

■ 87.3560, 95.8435,
83.0038

■ 36.3654, 31.6728,
73.3051

■ 90.1850, 98.0540,
83.2813

■ 30.0539, 23.9772,
72.1523

■ 24.8963, 17.7957,
71.2310

■ 20.8214, 13.0273,
70.5254

■ 17.7498, 9.5583,
70.0177

■ 15.5907, 7.2573,
69.6874

■ 14.2354, 5.9638,
69.5091

Harmonies

Analogous

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



61.3460, 64.7237, 79.2378



62.8492, 64.7237, 78.2877



64.0124, 64.7237, 75.2148

Triad

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



62.8492, 64.7237, 78.2877



63.1520, 64.7237, 63.6561



58.6230, 64.7237, 69.9814

Complementary

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



62.8492, 64.7237, 78.2877



67.1476, 72.0634, 70.6954

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.



59.0891, 64.7237, 65.9350



62.8492, 64.7237, 78.2877



61.6902, 64.7237, 62.3798

Square

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



62.8492, 64.7237, 78.2877



64.1893, 64.7237, 66.7550



60.2056, 64.7237, 63.1967



58.9218, 64.7237, 74.3268

Rectangle

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



62.8492, 64.7237, 78.2877



64.4298, 64.7237, 72.4394



60.2056, 64.7237, 63.1967



58.6952, 64.7237, 68.5427

Sweetspot

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



62.8511, 64.7265, 78.2891



91.8743, 95.9796, 108.2914



65.0877, 70.0437, 79.1976



19.6982, 20.5857, 23.1852



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.



62.8511, 64.7265, 78.2891



84.2762, 86.3817, 106.8392



64.7367, 65.6985, 78.3774



13.5875, 13.8987, 17.3543



8.2843, 3.3660, 41.2614



0.6360, 0.2652, 2.8629

Inverse Universe

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



65.8452, 66.3007, 77.0405



89.1792, 88.9599, 104.7806



65.2324, 71.0761, 70.6057



14.4395, 14.3468, 16.9955



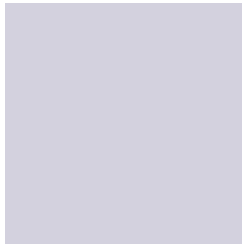
23.3116, 11.3917, 29.3705



1.6406, 0.7995, 2.1663

Previews

White Background



This preview shows how the XYZ color 62.8492, 64.7237, 78.2877 looks on a white background.

Color Contrast Check

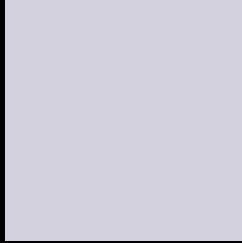
Large Text (above 18pt) WCAG AA × Fail

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 62.8492, 64.7237, 78.2877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

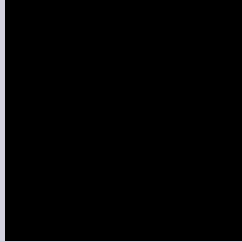
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

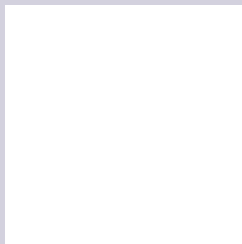
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.8492, 64.7237, 78.2877

Background



This preview shows how black text looks on a background with the XYZ color 62.8492, 64.7237, 78.2877.

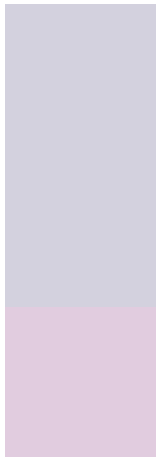


This preview shows how white text looks on a background with the XYZ color 62.8492, 64.7237,

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

62.8492, 64.7237, 78.2877

Protanopia

62.8492, 64.7237, 78.2877

Deuteranopia

65.9635, 64.5210, 78.7892



Tritanopia

63.2550, 64.8861, 80.4245

Trichromacy



Original Color

62.8492, 64.7237, 78.2877

Protanomaly

62.8492, 64.7237, 78.2877

Deuteranomaly

64.9058, 64.6860, 78.8768

Tritanomaly

63.1190, 64.8316, 79.7080

Monochromacy



Original Color

62.8492, 64.7237, 78.2877

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

62.1763, 64.8484, 73.5299

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.8492, 64.7237, 78.2877 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(211, 209, 222) looks like.

```
.text, #text, p{  
    color:rgb(211, 209, 222)  
}
```

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(211, 209, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 209, 222) }
```

Border

The CSS property to change the border of an element to XYZ 62.8492, 64.7237, 78.2877 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(211, 209, 222) }
```


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

```
.border{ border-color:rgb(211, 209, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 209, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(211, 209, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(211, 209, 222); box-shadow:4px 4px 4px 4px rgb(211, 209, 222) }
```

Background

The CSS property to change the background color of an element to XYZ 62.8492, 64.7237, 78.2877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 209, 222) }
```

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

```
.background{ background-color: rgb(211,  
209, 222) }
```

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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