

Converting Colors

XYZ(62.0437, 58.7357, 78.5882)

Have a look what the booklet for
XYZ(62.0437, 58.7357, 78.5882)
contains.

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Color

**XYZ(62.0397, 58.7374,
78.5886)**

Conversions

Conversions Part 1

Format	Color
Hex	DCC1E0
RGB	220, 193, 224
RGB Percent	86%, 76%, 88%
CMY	0.1372, 0.2431, 0.1216
CMYK	0.02, 0.14, 0.00, 0.12
HSL	292°, 33%, 82%
HSV	292°, 14%, 88%
XYZ	62.0397, 58.7374, 78.5886
YIQ	204.6070, 6.1410, 15.3650

Conversions

Conversions Part 2

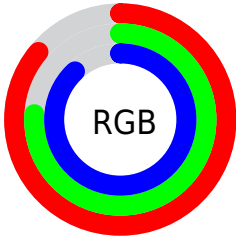
Format	Color
R _{YB}	220, 193, 224
Decimal	14467552
CIE Lab	81.15, 14.99, -11.91
CIE LCh	81, 19.142, 321.531
Yxy	58.7374, 0.3112, 0.2946
Android (android.graphics.Color)	4292657632 (0xFFDCC1E0)
YUV	204.6070, 9.5607, 13.4997
Hunter-Lab	76.6403, 10.3737, -7.1490

Details

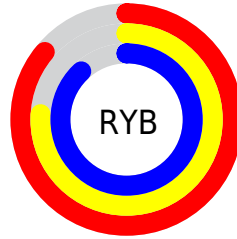
The XYZ color **62.0397, 58.7374, 78.5886** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **59.3094, 69.0334, 60.6539**, and the grayscale version is **57.7188, 60.7247, 66.1292**.

A 20% lighter version of the original color is **93.4756, 96.8512, 108.3752**, and **31.9111, 29.3291, 41.5153** is the 20% darker color. If you saturate the color by 10%, you get **56.5914, 49.1274, 77.0217**, and if you desaturate by 10%, it is **68.2566, 69.8602, 80.4087**.

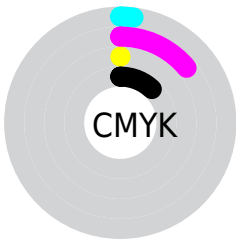
Distribution



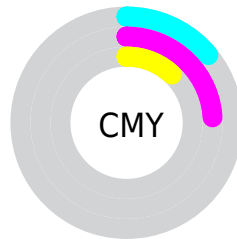
- Red (86%)
- Green (76%)
- Blue (88%)



- Red (86%)
- Yellow (76%)
- Blue (88%)



- Cyan (2%)
- Magenta (14%)
- Yellow (0%)
- Black (12%)



- Cyan (14%)
- Magenta (24%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.0397, 58.7374, 78.5886 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 62.0397, 58.7374, 78.5886 by changing the saturation by 10% instead.

62.0397, 58.7374,
78.5886

62.0397, 58.7374,
78.5886

421.7911,
419.9281, 509.7443

45.3205, 42.4018,
58.0383

106.8725,
102.9959, 133.1729

31.9123, 29.4160,
41.4245

135.7169,
131.6876, 168.0441

21.4497, 19.3958,
28.3288

169.3336,
165.2667, 208.5259

13.5675, 11.9566,
18.3324

208.0881,
204.1177, 255.0369

7.9001, 6.7141,
11.0170

252.3458,
248.6249, 307.9958

4.0824, 3.2840,
5.9640

302.4719,

1.7488, 1.2817,

299.1728, 367.8209

2.7547

358.8319,
356.1457, 434.9309

■ 0.4866, 0.1270,
0.9708

■ 0.0000, 0.0000,
0.0000

■ 62.0397, 58.7374,
78.5886

■ 62.0397, 58.7374,
78.5886

■ 56.5914, 49.1274,
77.0217

■ 68.2566, 69.8602,
80.4087

■ 51.8727, 40.9554,
75.6931


■ 75.2685, 82.5513,
82.4888


■ 47.8492, 34.1514,
74.5918


■ 81.4236, 93.5062,
84.2789


■ 44.4815, 28.6368,
73.7049


■ 82.3519, 93.9847,
84.3223


 41.7260, 24.3248,
73.0178


 83.2956, 94.4712,
84.3665


 39.5341, 21.1179,
72.5144


 84.2549, 94.9658,
84.4114


 37.8493, 18.9035,
72.1757

 85.2297, 95.4683,
84.4570

 36.6030, 17.5445,
71.9791

 86.2202, 95.9789,
84.5034

 35.9853, 16.9968,
71.9059

 87.2263, 96.4976,
84.5505

Harmonies

Analogous

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



58.6854, 58.7374, 86.5974



62.0397, 58.7374, 78.5886



63.7485, 58.7374, 67.2391

Triad

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



62.0397, 58.7374, 78.5886



56.9634, 58.7374, 44.6262



49.0046, 58.7374, 72.3445

Complementary

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



62.0397, 58.7374, 78.5886



59.3094, 69.0334, 60.6539

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.



48.5925, 58.7374, 60.7797



62.0397, 58.7374, 78.5886



53.0651, 58.7374, 45.6495

Square

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



62.0397, 58.7374, 78.5886



60.7278, 58.7374, 48.2777



50.0457, 58.7374, 51.2611



51.1993, 58.7374, 82.7047

Rectangle

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



62.0397, 58.7374, 78.5886



63.6710, 58.7374, 59.6713



50.0457, 58.7374, 51.2611



48.6573, 58.7374, 68.4390

Sweetspot

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



62.0414, 58.7399, 78.5899



91.3994, 93.4151, 107.8214



55.4459, 56.7152, 78.5467



19.4204, 19.7378, 23.0362



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.



62.0414, 58.7399, 78.5899



80.7179, 74.3466, 104.7038



61.7760, 58.7753, 70.7976



14.1119, 13.8412, 17.3155



21.0148, 9.9288, 41.8572



1.5058, 0.7136, 2.9036

Inverse Universe

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



59.8905, 58.0211, 60.8688



77.2522, 73.1946, 75.8684



59.5932, 69.0275, 67.5426



13.7789, 13.7292, 14.6057



18.0449, 9.2850, 1.6363



1.2745, 0.6531, 0.2384

Previews

White Background



This preview shows how the XYZ color 62.0397, 58.7374, 78.5886 looks on a white background.

Color Contrast Check

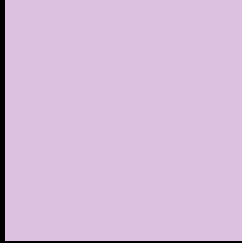
Large Text (above 18pt) WCAG AA × Fail

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 62.0397, 58.7374, 78.5886 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 62.0397, 58.7374, 78.5886

Background



This preview shows how black text looks on a background with the XYZ color 62.0397, 58.7374, 78.5886.



This preview shows how white text looks on a background with the XYZ color 62.0397, 58.7374,

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

62.0397, 58.7374, 78.5886

Protanopia

57.8231, 58.8360, 82.4376

Deuteranopia

59.9232, 58.6565, 77.9756



Tritanopia

60.1864, 58.6388, 69.7743

Trichromacy



Original Color

62.0397, 58.7374, 78.5886

Protanomaly

59.0082, 58.4577, 80.8464

Deuteranomaly

60.5659, 58.6541, 77.9412

Tritanomaly

60.8999, 58.6015, 73.0672

Monochromacy



Original Color

62.0397, 58.7374, 78.5886

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

59.3487, 60.2284, 70.7846

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.0397, 58.7374, 78.5886 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(220, 193, 224)` looks like.

```
.text, #text, p{  
    color:rgb(220, 193, 224)  
}
```

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(220, 193, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 193, 224) }
```

Border

The CSS property to change the border of an element to XYZ 62.0397, 58.7374, 78.5886 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(220, 193, 224) }
```


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

```
.border{ border-color:rgb(220, 193, 224) }
```

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

Here you see how a box with a 4 pixel rgb(220, 193, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 193, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 193, 224);  
box-shadow:4px 4px 4px 4px rgb(220, 193,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 62.0397, 58.7374, 78.5886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 193, 224) }
```

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

```
.background{ background-color: rgb(220,  
193, 224) }
```

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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