

Converting Colors

XYZ(60.0213, 57.3996, 78.4444)

Have a look what the booklet for
XYZ(60.0213, 57.3996, 78.4444)
contains.

XYZ(60.0357, 57.3772, 78.4317)	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(60.0357, 57.3772,
78.4317)**

Conversions

Conversions Part 1

Format	Color
Hex	D6C0E0
RGB	214, 192, 224
RGB Percent	84%, 75%, 88%
CMY	0.1608, 0.2470, 0.1216
CMYK	0.04, 0.14, 0.00, 0.12
HSL	281°, 34%, 82%
HSV	281°, 14%, 88%
XYZ	60.0357, 57.3772, 78.4317
YIQ	202.2260, 2.8400, 14.6160

Conversions

Conversions Part 2

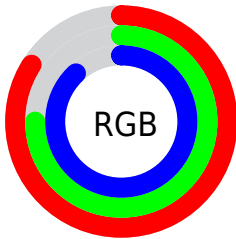
Format	Color
R _Y B	214, 192, 224
Decimal	14074080
CIE Lab	80.39, 13.52, -13.09
CIE LCh	80, 18.822, 315.929
Yxy	57.3772, 0.3065, 0.2930
Android (android.graphics.Color)	4292264160 (0xFFD6C0E0)
YUV	202.2260, 10.7346, 10.3258
Hunter-Lab	75.7477, 8.9159, -8.3674

Details

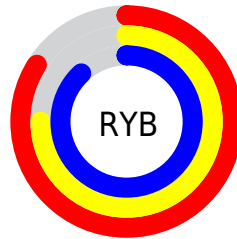
The XYZ color **60.0357, 57.3772, 78.4317** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **60.5293, 69.6751, 60.1304**, and the grayscale version is **56.2153, 59.1429, 64.4066**.

A 20% lighter version of the original color is **92.8574, 95.6148, 108.1691**, and **30.5480, 28.4125, 41.4102** is the 20% darker color. If you saturate the color by 10%, you get **53.4878, 47.2489, 76.8227**, and if you desaturate by 10%, it is **67.4233, 69.0527, 80.2968**.

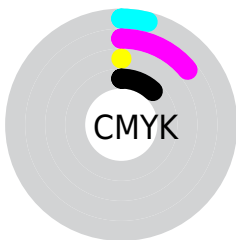
Distribution



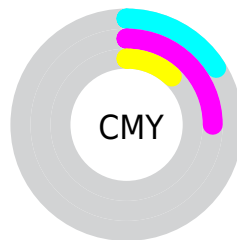
- Red (84%)
- Green (75%)
- Blue (88%)



- Red (84%)
- Yellow (75%)
- Blue (88%)



- Cyan (4%)
- Magenta (14%)
- Yellow (0%)
- Black (12%)



- Cyan (16%)
- Magenta (25%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.0357, 57.3772, 78.4317 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 60.0357, 57.3772, 78.4317 by changing the saturation by 10% instead.

60.0357, 57.3772,
78.4317

60.0357, 57.3772,
78.4317

414.5620,
414.8612, 509.1984

43.6970, 41.3082,
57.9101

103.9875,
101.0154, 132.9499

30.6292, 28.5600,
41.3222

132.3313,
129.3533, 167.7836

20.4671, 18.7482,
28.2493

165.4075,
162.5496, 208.2251

12.8453, 11.4885,
18.2730

203.5815,
200.9887, 254.6930

7.3984, 6.3964,
10.9747

247.2185,
245.0551, 307.6057

3.7610, 3.0876,
5.9359

296.6841,

1.5678, 1.1776,

295.1330, 367.3818

2.7380

352.3434,
351.6069, 434.4398

■ 0.3713, 0.0433,
0.9625

■ 0.0000, 0.0000,
0.0000

■ 60.0357, 57.3772,
78.4317

■ 60.0357, 57.3772,
78.4317

■ 53.4878, 47.2489,
76.8227

■ 67.4233, 69.0527,
80.2968

■ 47.7398, 38.5924,
75.4548

■ 75.6783, 82.3319,
82.4249

■ 42.7558, 31.3371,
74.3171

■ 83.4768, 94.5646,
84.3750

■ 38.4954, 25.4033,
73.3963

■ 85.8340, 95.7798,
84.4853

■ 34.9137, 20.7034,
72.6779

■ 88.2833, 97.0425,
84.5999

■ 31.9607, 17.1387,
72.1455

■ 90.4547, 98.1619,
84.7015

■ 29.5783, 14.5950,
71.7801

■ 27.6960, 12.9335,
71.5586

■ 26.7802, 12.2514,
71.4752

Harmonies

Analogous

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



56.5948, 57.3772, 85.1892



60.0357, 57.3772, 78.4317



62.0452, 57.3772, 67.7780

Triad

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



60.0357, 57.3772, 78.4317



56.3572, 57.3772, 44.0634



47.7142, 57.3772, 68.4826

Complementary

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



60.0357, 57.3772, 78.4317



60.5293, 69.6751, 60.1304

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.



47.6573, 57.3772, 57.4542



60.0357, 57.3772, 78.4317



52.5263, 57.3772, 44.2047

Square

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



60.0357, 57.3772, 78.4317



59.8547, 57.3772, 48.4304



49.3816, 57.3772, 48.8424



49.5408, 57.3772, 78.9996

Rectangle

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



60.0357, 57.3772, 78.4317



62.2446, 57.3772, 60.3069



49.3816, 57.3772, 48.8424



47.4904, 57.3772, 64.6925

Sweetspot

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



60.0374, 57.3797, 78.4330



90.7188, 93.0643, 107.7895



56.3469, 58.8944, 78.9198



19.2478, 19.6488, 23.0281



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.



60.0374, 57.3797, 78.4330



77.9362, 72.9126, 104.5736



62.2641, 58.6179, 74.4552



13.8565, 13.7096, 17.3036



15.7112, 7.1948, 41.6090



1.1799, 0.5456, 2.8884

Inverse Universe

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



60.2528, 57.8134, 63.8633



78.3137, 73.6192, 81.4582



58.5736, 68.5903, 63.5001



13.8828, 13.7707, 15.1530



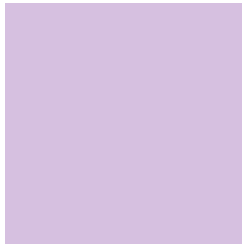
18.5825, 9.5000, 4.4673



1.3275, 0.6743, 0.5174

Previews

White Background



This preview shows how the XYZ color 60.0357, 57.3772, 78.4317 looks on a white background.

Color Contrast Check

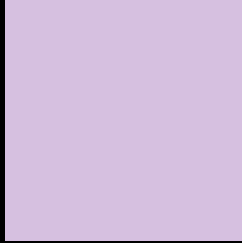
Large Text (above 18pt) WCAG AA × Fail

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 60.0357, 57.3772, 78.4317 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

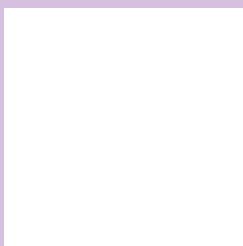
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.0357, 57.3772, 78.4317

Background



This preview shows how black text looks on a background with the XYZ color 60.0357, 57.3772, 78.4317.



This preview shows how white text looks on a background with the XYZ color 60.0357, 57.3772,

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

60.0357, 57.3772, 78.4317

Protanopia

56.7034, 57.5917, 81.5265

Deuteranopia

58.7588, 57.3753, 78.4986



Tritanopia

58.0760, 57.2338, 68.9591

Trichromacy



Original Color

60.0357, 57.3772, 78.4317

Protanomaly

57.9622, 57.5825, 80.7326

Deuteranomaly

59.1029, 57.2234, 78.4512

Tritanomaly

58.7763, 57.1924, 72.2314

Monochromacy



Original Color

60.0357, 57.3772, 78.4317

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

57.2805, 58.1631, 69.1804

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.0357, 57.3772, 78.4317 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(214, 192, 224) looks like.

```
.text, #text, p{  
    color:rgb(214, 192, 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(214, 192, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 192, 224) }
```

Border

The CSS property to change the border of an element to XYZ 60.0357, 57.3772, 78.4317 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(214, 192, 224) }
```


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

```
.border{ border-color:rgb(214, 192, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 192, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 192, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 192, 224);  
box-shadow:4px 4px 4px 4px rgb(214, 192,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 60.0357, 57.3772, 78.4317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 192, 224) }
```

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

```
.background{ background-color: rgb(214,  
192, 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](#).

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