

Converting Colors

XYZ(60.3584, 59.7150, 81.7228)

Have a look what the booklet for
XYZ(60.3584, 59.7150, 81.7228)
contains.

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Color

**XYZ(60.4394, 59.8582,
81.7671)**

Conversions

Conversions Part 1

Format	Color
Hex	D0C7E4
RGB	208, 199, 228
RGB Percent	82%, 78%, 89%
CMY	0.1843, 0.2196, 0.1059
CMYK	0.09, 0.13, 0.00, 0.11
HSL	259°, 35%, 84%
HSV	259°, 13%, 89%
XYZ	60.4394, 59.8582, 81.7671
YIQ	204.9970, -3.9450, 10.9270

Conversions

Conversions Part 2

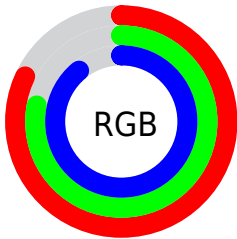
Format	Color
R _Y B	208, 199, 228
Decimal	13682660
CIE Lab	81.76, 8.58, -13.24
CIE LCh	82, 15.773, 302.948
Yxy	59.8582, 0.2991, 0.2962
Android (android.graphics.Color)	4291872740 (0xFFD0C7E4)
YUV	204.9970, 11.3405, 2.6336
Hunter-Lab	77.3681, 4.0488, -8.5035

Details

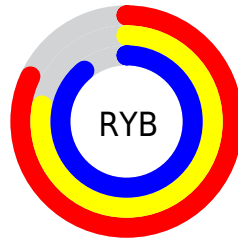
The XYZ color **60.4394, 59.8582, 81.7671** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **67.2679, 74.6720, 64.9035**, and the grayscale version is **57.9599, 60.9783, 66.4054**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.9947, 30.1380, 43.7188** is the 20% darker color. If you saturate the color by 10%, you get **51.3774, 47.9750, 79.9520**, and if you desaturate by 10%, it is **70.7294, 73.5443, 83.8674**.

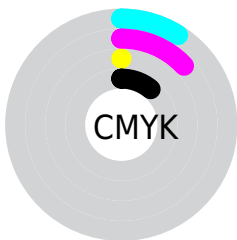
Distribution



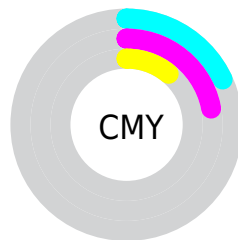
- Red (82%)
- Green (78%)
- Blue (89%)



- Red (82%)
- Yellow (78%)
- Blue (89%)



- Cyan (9%)
- Magenta (13%)
- Yellow (0%)
- Black (11%)



- Cyan (18%)
- Magenta (22%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.4394, 59.8582, 81.7671 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 60.4394, 59.8582, 81.7671 by changing the saturation by 10% instead.

■ 60.4394, 59.8582,
81.7671

■ 60.4394, 59.8582,
81.7671

416.0243,
424.0749, 520.7313

■ 44.0237, 43.3043,
60.6389

104.5695,
104.6239, 137.6811

■ 30.8871, 30.1240,
43.5051

133.0147,
133.6046, 173.3040

■ 20.6643, 19.9327,
29.9473

166.2004,
167.4964, 214.5955

■ 12.9899, 12.3461,
19.5469

204.4920,
206.6836, 261.9741

■ 7.4986, 6.9799,
11.8853

248.2548,
251.5506, 315.8585

■ 3.8249, 3.4495,
6.5440

297.8542,

■ 1.6035, 1.3707,

302.4820, 376.6671

3.1045

353.6556,
359.8619, 444.8185

■ 0.3947, 0.1950,
1.1483

■ 0.0000, 0.0000,
0.0000

■ 60.4394, 59.8582,
81.7671

■ 60.4394, 59.8582,
81.7671

■ 51.3774, 47.9750,
79.9520

■ 70.7294, 73.5443,
83.8674

■ 43.4904, 37.8110,
78.4058

■ 82.2867, 89.0974,
86.2603

■ 36.7295, 29.2868,
77.1168

■ 91.0038, 98.3815,
87.5929

■ 31.0401, 22.3141,
76.0708

■ 26.3625, 16.7955,
75.2521

■ 22.6310, 12.6227,
74.6434

■ 19.7710, 9.6715,
74.2245

■ 17.6947, 7.7928,
73.9713

■ 16.5834, 6.9314,
73.8636

Harmonies

Analogous

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



57.2226, 59.8582, 85.2093



60.4394, 59.8582, 81.7671



62.7751, 59.8582, 73.8562

Triad

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



60.4394, 59.8582, 81.7671



59.8488, 59.8582, 50.2004



50.7486, 59.8582, 66.1210

Complementary

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



60.4394, 59.8582, 81.7671



67.2679, 74.6720, 64.9035

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.



51.3911, 59.8582, 57.2030



60.4394, 59.8582, 81.7671



56.5655, 59.8582, 48.5569

Square

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



60.4394, 59.8582, 81.7671



62.4249, 59.8582, 55.7219



53.4889, 59.8582, 50.9952



51.6988, 59.8582, 75.6419

Rectangle

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



60.4394, 59.8582, 81.7671



63.4724, 59.8582, 67.4477



53.4889, 59.8582, 50.9952



50.7855, 59.8582, 62.9548

Sweetspot

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



60.4412, 59.8607, 81.7684



89.3408, 92.3539, 107.7251



62.9687, 68.5652, 83.3153



18.8991, 19.4691, 23.0118



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.



60.4412, 59.8607, 81.7684



74.9898, 73.3121, 104.8060



64.6144, 62.0121, 81.9637



14.0014, 14.1030, 18.1285



9.6828, 4.0576, 42.6560



0.8082, 0.3476, 3.1565

Inverse Universe

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



65.2066, 62.4580, 75.6398



82.1861, 77.2360, 95.4750



63.1760, 72.5626, 64.7120



14.7947, 14.5351, 17.1195



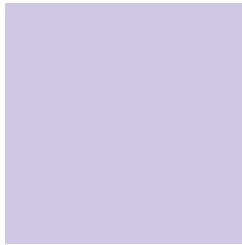
22.0575, 10.9572, 19.7296



1.6712, 0.8262, 1.6752

Previews

White Background



This preview shows how the XYZ color 60.4394, 59.8582, 81.7671 looks on a white background.

Color Contrast Check

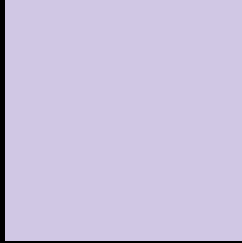
Large Text (above 18pt) WCAG AA × Fail

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 60.4394, 59.8582, 81.7671 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

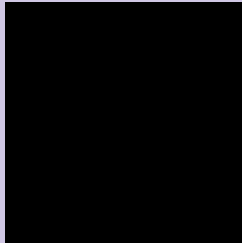
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.4394, 59.8582, 81.7671

Background



This preview shows how black text looks on a background with the XYZ color 60.4394, 59.8582, 81.7671.



This preview shows how white text looks on a background with the XYZ color 60.4394, 59.8582,

81.7671.

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

60.4394, 59.8582, 81.7671

Protanopia

58.9566, 60.0963, 83.3553

Deuteranopia

61.0616, 59.8385, 81.7305



Tritanopia

58.8646, 59.9049, 74.1059

Trichromacy



Original Color

60.4394, 59.8582, 81.7671

Protanomaly

59.3866, 59.9870, 82.5774

Deuteranomaly

60.7760, 59.6912, 81.7171

Tritanomaly

59.4375, 59.7944, 76.8154

Monochromacy



Original Color

60.4394, 59.8582, 81.7671

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.8198, 60.6378, 71.5549

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.4394, 59.8582, 81.7671 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(208, 199, 228)` looks like.

```
.text, #text, p{  
    color:rgb(208, 199, 228)  
}
```

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(208, 199, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 199, 228) }
```

Border

The CSS property to change the border of an element to XYZ 60.4394, 59.8582, 81.7671 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(208, 199, 228) }
```


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

```
.border{ border-color:rgb(208, 199, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 199, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 199, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 199, 228);  
box-shadow:4px 4px 4px 4px rgb(208, 199,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 60.4394, 59.8582, 81.7671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 199, 228) }
```

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

```
.background{ background-color: rgb(208,  
199, 228) }
```

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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