

Converting Colors

XYZ(60.0875, 58.7615, 81.0333)

Have a look what the booklet for
XYZ(60.0875, 58.7615, 81.0333)
contains.

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Color

**XYZ(59.8996, 58.5812,
80.8233)**

Conversions

Conversions Part 1

Format	Color
Hex	D1C4E3
RGB	209, 196, 227
RGB Percent	82%, 77%, 89%
CMY	0.1804, 0.2314, 0.1098
CMYK	0.08, 0.14, 0.00, 0.11
HSL	265°, 36%, 83%
HSV	265°, 14%, 89%
XYZ	59.8996, 58.5812, 80.8233
YIQ	203.4210, -2.2030, 12.3970

Conversions

Conversions Part 2

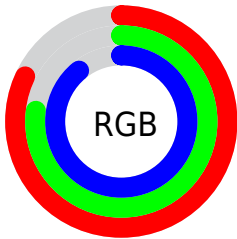
Format	Color
R _Y B	209, 196, 227
Decimal	13747427
CIE Lab	81.06, 10.31, -13.74
CIE LCh	81, 17.181, 306.888
Yxy	58.5812, 0.3005, 0.2939
Android (android.graphics.Color)	4291937507 (0xFFD1C4E3)
YUV	203.4210, 11.6244, 4.8928
Hunter-Lab	76.5384, 5.7536, -9.0325

Details

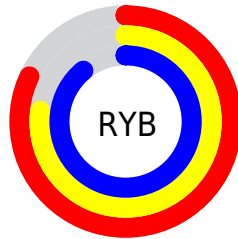
The XYZ color **59.8996, 58.5812, 80.8233** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **65.1664, 73.2213, 62.9258**, and the grayscale version is **56.9610, 59.9274, 65.2610**.

A 20% lighter version of the original color is **94.4153, 98.7306, 108.6884**, and **30.4458, 29.1946, 43.0602** is the 20% darker color. If you saturate the color by 10%, you get **51.5856, 47.2619, 79.0776**, and if you desaturate by 10%, it is **69.3003, 71.6138, 82.8443**.

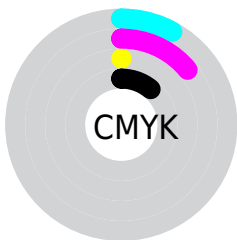
Distribution



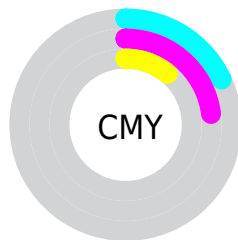
- Red (82%)
- Green (77%)
- Blue (89%)



- Red (82%)
- Yellow (77%)
- Blue (89%)



- Cyan (8%)
- Magenta (14%)
- Yellow (0%)
- Black (11%)



- Cyan (18%)
- Magenta (23%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.8996, 58.5812, 80.8233 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 59.8996, 58.5812, 80.8233 by changing the saturation by 10% instead.

■ 59.8996, 58.5812,
80.8233

■ 59.8996, 58.5812,
80.8233

414.0683,
419.3481, 517.4828

■ 43.5869, 42.2761,
59.8659

103.7912,
102.7687, 136.3445

■ 30.5424, 29.3175,
42.8860

132.1007,
131.4199, 171.7453

■ 20.4007, 19.3212,
29.4649

165.1400,
164.9553, 212.7978

■ 12.7966, 11.9026,
19.1842

203.2742,
203.7592, 259.9204

■ 7.3647, 6.6774,
11.6253

246.8688,
248.2160, 313.5317

■ 3.7395, 3.2612,
6.3697

296.2891,

■ 1.5559, 1.2696,

298.7102, 374.0501

2.9987

351.9005,
355.6261, 441.8943

■ 0.3634, 0.1174,
1.0940

■ 0.0000, 0.0000,
0.0000

■ 59.8996, 58.5812,
80.8233

■ 59.8996, 58.5812,
80.8233

■ 51.5856, 47.2619,
79.0776

■ 69.3003, 71.6138,
82.8443

■ 44.3110, 37.5753,
77.5913

■ 79.8222, 86.4211,
85.1478

■ 38.0325, 29.4452,
76.3529

■ 88.5308, 97.1227,
86.7544

■ 32.7015, 22.7864,
75.3486

■ 90.8653, 98.3261,
86.8637

■ 28.2648, 17.5051,
74.5630

■ 24.6635, 13.4963,
73.9791

■ 21.8302, 10.6390,
73.5769

■ 19.6846, 8.7873,
73.3326

■ 18.6040, 7.9890,
73.2354

Harmonies

Analogous

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



56.5064, 58.5812, 85.3444



59.8996, 58.5812, 80.8233



62.2301, 58.5812, 71.8113

Triad

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



59.8996, 58.5812, 80.8233



58.4159, 58.5812, 47.3685



49.1433, 58.5812, 66.1703

Complementary

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



59.8996, 58.5812, 80.8233



65.1664, 73.2213, 62.9258

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.



49.6058, 58.5812, 56.3801



59.8996, 58.5812, 80.8233



54.8610, 58.5812, 46.2015

Square

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



59.8996, 58.5812, 80.8233



61.3483, 58.5812, 52.7043



51.6627, 58.5812, 49.3271



50.3715, 58.5812, 76.3191

Rectangle

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



59.8996, 58.5812, 80.8233



62.8140, 58.5812, 64.8573



51.6627, 58.5812, 49.3271



49.1071, 58.5812, 62.7245

Sweetspot

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



59.9014, 58.5837, 80.8246



89.7363, 92.5578, 107.7436



60.6998, 65.4192, 82.1019



18.9991, 19.5206, 23.0164



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.



59.9014, 58.5837, 80.8246



75.2018, 72.4547, 104.6293



64.4765, 60.9423, 81.0387



14.1527, 14.1809, 18.1356



10.9760, 4.7242, 42.7165



0.9150, 0.4027, 3.1615

Inverse Universe

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



63.5580, 60.6683, 71.9811



80.7539, 75.6211, 91.1457



60.8777, 71.0104, 62.7251



14.7262, 14.5077, 16.7584



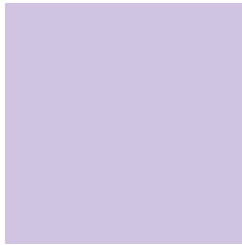
20.9561, 10.5166, 13.9295



1.5947, 0.7956, 1.2722

Previews

White Background



This preview shows how the XYZ color 59.8996, 58.5812, 80.8233 looks on a white background.

Color Contrast Check

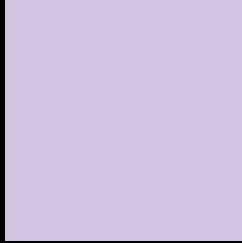
Large Text (above 18pt) WCAG AA × Fail

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 59.8996, 58.5812, 80.8233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

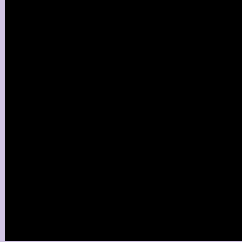
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.8996, 58.5812, 80.8233

Background



This preview shows how black text looks on a background with the XYZ color 59.8996, 58.5812, 80.8233.



This preview shows how white text looks on a background with the XYZ color 59.8996, 58.5812,

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

59.8996, 58.5812, 80.8233

Protanopia

57.5621, 58.7015, 82.4254

Deuteranopia

59.8996, 58.5812, 80.8233



Tritanopia

58.0638, 58.5086, 71.8513

Trichromacy



Original Color

59.8996, 58.5812, 80.8233

Protanomaly

58.5144, 58.8658, 81.6770

Deuteranomaly

59.8996, 58.5812, 80.8233

Tritanomaly

58.7649, 58.4569, 75.2039

Monochromacy



Original Color

59.8996, 58.5812, 80.8233

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.7148, 59.0412, 70.6415

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.8996, 58.5812, 80.8233 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(209, 196, 227)` looks like.

```
.text, #text, p{  
    color:rgb(209, 196, 227)  
}
```

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(209, 196, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 196, 227) }
```

Border

The CSS property to change the border of an element to XYZ 59.8996, 58.5812, 80.8233 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(209, 196, 227) }
```


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

```
.border{ border-color:rgb(209, 196, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 196, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 196, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 196, 227);  
box-shadow:4px 4px 4px 4px rgb(209, 196,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 59.8996, 58.5812, 80.8233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 196, 227) }
```

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

```
.background{ background-color: rgb(209,  
196, 227) }
```

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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