

Converting Colors

XYZ(59.9618, 59.3575, 81.3603)

Have a look what the booklet for
XYZ(59.9618, 59.3575, 81.3603)
contains.

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Color

**XYZ(59.9298, 59.2550,
81.6775)**

Conversions

Conversions Part 1

Format	Color
Hex	CFC6E4
RGB	207, 198, 228
RGB Percent	81%, 78%, 89%
CMY	0.1882, 0.2235, 0.1059
CMYK	0.09, 0.13, 0.00, 0.11
HSL	258°, 36%, 84%
HSV	258°, 13%, 89%
XYZ	59.9298, 59.2550, 81.6775
YIQ	204.1110, -4.2660, 11.2380

Conversions

Conversions Part 2

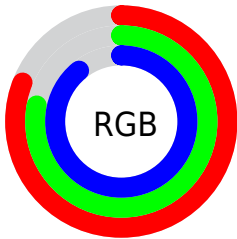
Format	Color
R _Y B	207, 198, 228
Decimal	13616868
CIE Lab	81.43, 8.79, -13.74
CIE LCh	81, 16.308, 302.604
Yxy	59.2550, 0.2984, 0.2950
Android (android.graphics.Color)	4291806948 (0xFFCFC6E4)
YUV	204.1110, 11.7773, 2.5337
Hunter-Lab	76.9773, 4.2590, -9.0262

Details

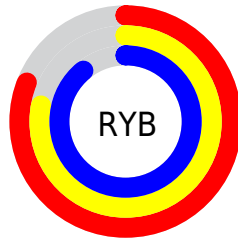
The XYZ color **59.9298, 59.2550, 81.6775** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **67.1520, 74.6256, 64.2938**, and the grayscale version is **57.3960, 60.3851, 65.7593**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.6530, 29.7360, 43.6592** is the 20% darker color. If you saturate the color by 10%, you get **50.8696, 47.4228, 79.8721**, and if you desaturate by 10%, it is **70.2288, 72.8936, 83.7681**.

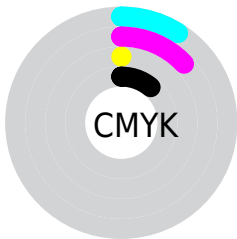
Distribution



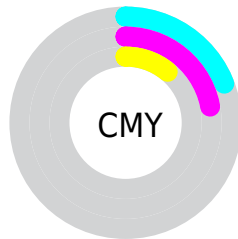
- Red (81%)
- Green (78%)
- Blue (89%)



- Red (81%)
- Yellow (78%)
- Blue (89%)



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



- Cyan (19%)
- Magenta (22%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.9298, 59.2550, 81.6775 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 59.9298, 59.2550, 81.6775 by changing the saturation by 10% instead.

■ 59.9298, 59.2550,
81.6775

■ 59.9298, 59.2550,
81.6775

414.1779,
421.8462, 520.4234

■ 43.6113, 42.8184,
60.5655

103.8348,
103.7482, 137.5543

■ 30.5616, 29.7427,
43.4463

132.1519,
132.5736, 173.1561

■ 20.4155, 19.6434,
29.9015

165.1993,
166.2974, 214.4250

■ 12.8074, 12.1361,
19.5124

203.3424,
205.3040, 261.7794

■ 7.3722, 6.8364,
11.8606

246.9464,
249.9778, 315.6379

■ 3.7443, 3.3600,
6.5274

296.3767,

■ 1.5585, 1.3224,

300.7032, 376.4190

3.0944

351.9988,
357.8645, 444.5414

■ 0.3651, 0.1585,
1.1430

■ 0.0000, 0.0000,
0.0000

■ 59.9298, 59.2550,
81.6775

■ 59.9298, 59.2550,
81.6775

■ 50.8696, 47.4228,
79.8721

■ 70.2288, 72.8936,
83.7681

■ 42.9947, 37.3126,
78.3357

■ 81.8069, 88.4030,
86.1515

■ 36.2553, 28.8447,
77.0564

■ 90.9619, 98.3599,
87.5909

■ 30.5958, 21.9297,
76.0200

■ 91.0038, 98.3815,
87.5928

■ 25.9558, 16.4698,
75.2107

■ 22.2684, 12.3555,
74.6109

■ 19.4575, 9.4612,
74.2004

■ 17.4336, 7.6361,
73.9548

■ 16.4147, 6.8444,
73.8557

Harmonies

Analogous

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



56.6187, 59.2550, 85.1685



59.9298, 59.2550, 81.6775



62.3484, 59.2550, 73.5567

Triad

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



59.9298, 59.2550, 81.6775



59.3933, 59.2550, 49.2325



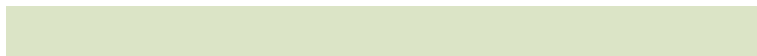
50.0169, 59.2550, 65.3760

Complementary

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



59.9298, 59.2550, 81.6775



67.1520, 74.6256, 64.2938

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.



50.6935, 59.2550, 56.2530



59.9298, 59.2550, 81.6775



56.0226, 59.2550, 47.5094

Square

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



59.9298, 59.2550, 81.6775



62.0299, 59.2550, 54.9144



52.8583, 59.2550, 49.9488



50.9719, 59.2550, 75.1821

Rectangle

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



59.9298, 59.2550, 81.6775



63.0802, 59.2550, 66.9678



52.8583, 59.2550, 49.9488



50.0611, 59.2550, 62.1299

Sweetspot

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



59.9316, 59.2575, 81.6788



89.3035, 92.3346, 107.7233



62.7565, 68.5334, 83.3204



18.8897, 19.4642, 23.0113



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.



59.9316, 59.2575, 81.6788



73.6487, 71.6540, 104.5566



64.1708, 61.4429, 81.8772



13.9872, 14.0956, 18.1279



9.5829, 4.0061, 42.6513



0.7994, 0.3431, 3.1561

Inverse Universe

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



64.9772, 61.9992, 75.5630



81.4790, 75.9112, 94.9639



62.9775, 72.4736, 64.0985



14.8013, 14.5377, 17.1540



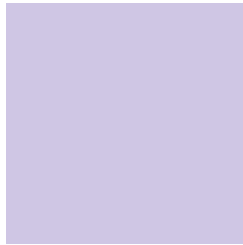
22.1742, 11.0039, 20.3441



1.6792, 0.8294, 1.7170

Previews

White Background



This preview shows how the XYZ color 59.9298, 59.2550, 81.6775 looks on a white background.

Color Contrast Check

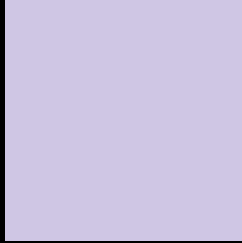
Large Text (above 18pt) WCAG AA × Fail

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 59.9298, 59.2550, 81.6775 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

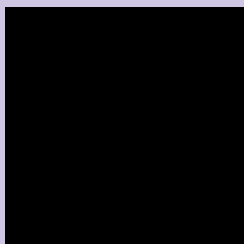
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.9298, 59.2550, 81.6775

Background



This preview shows how black text looks on a background with the XYZ color 59.9298, 59.2550, 81.6775.



This preview shows how white text looks on a background with the XYZ color 59.9298, 59.2550,

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

59.9298, 59.2550, 81.6775

Protanopia

58.4583, 59.4922, 83.2650

Deuteranopia

60.5482, 59.2356, 81.6412



Tritanopia

58.2258, 59.2456, 73.3325

Trichromacy



Original Color

59.9298, 59.2550, 81.6775

Protanomaly

58.8845, 59.3832, 82.4873

Deuteranomaly

60.2643, 59.0893, 81.6279

Tritanomaly

58.7953, 59.1360, 76.0257

Monochromacy



Original Color

59.9298, 59.2550, 81.6775

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

58.3076, 60.0243, 71.4635

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.9298, 59.2550, 81.6775 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(207, 198, 228)` looks like.

```
.text, #text, p{  
    color:rgb(207, 198, 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(207, 198, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 198, 228) }
```

Border

The CSS property to change the border of an element to XYZ 59.9298, 59.2550, 81.6775 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(207, 198, 228) }
```


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

```
.border{ border-color:rgb(207, 198, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 198, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 198, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 198, 228);  
box-shadow:4px 4px 4px 4px rgb(207, 198,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 59.9298, 59.2550, 81.6775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 198, 228) }
```

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

```
.background{ background-color: rgb(207,  
198, 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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