

Converting Colors

XYZ(59.3289, 59.2857, 81.7151)

Have a look what the booklet for
XYZ(59.3289, 59.2857, 81.7151)
contains.

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Color

**XYZ(59.3289, 59.2857,
81.7151)**

Conversions

Conversions Part 1

Format	Color
Hex	CCC7E4
RGB	204, 199, 228
RGB Percent	80%, 78%, 89%
CMY	0.2000, 0.2196, 0.1059
CMYK	0.11, 0.13, 0.00, 0.11
HSL	250°, 35%, 84%
HSV	250°, 13%, 89%
XYZ	59.3289, 59.2857, 81.7151
YIQ	203.8010, -6.3290, 10.0790

Conversions

Conversions Part 2

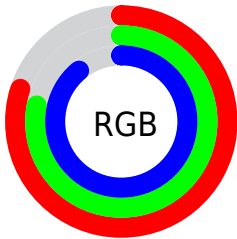
Format	Color
R _Y B	204, 199, 228
Decimal	13420516
CIE _{Lab}	81.45, 7.28, -13.74
CIE _{LCh}	81, 15.545, 297.911
Yxy	59.2857, 0.2962, 0.2959
Android (android.graphics.Color)	4291610596 (0xFFCCC7E4)
YUV	203.8010, 11.9301, 0.1745
Hunter-Lab	76.9972, 2.7951, -9.0249

Details

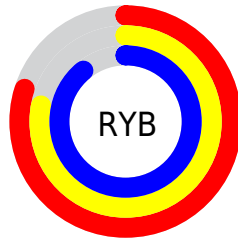
The XYZ color **59.3289, 59.2857, 81.7151** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **68.4857, 75.2998, 64.9604**, and the grayscale version is **57.2004, 60.1792, 65.5352**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.2459, 29.7520, 43.6837** is the 20% darker color. If you saturate the color by 10%, you get **49.6085, 47.0631, 79.8691**, and if you desaturate by 10%, it is **70.4655, 73.4082, 83.8550**.

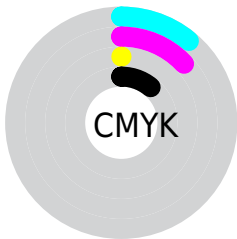
Distribution



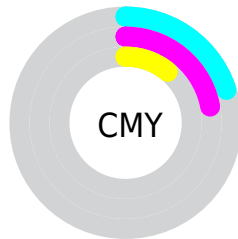
- Red (80%)
- Green (78%)
- Blue (89%)



- Red (80%)
- Yellow (78%)
- Blue (89%)



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



- Cyan (20%)
- Magenta (22%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.3289, 59.2857, 81.7151 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 59.3289, 59.2857, 81.7151 by changing the saturation by 10% instead.

■ 59.3289, 59.2857,
81.7151

■ 59.3289, 59.2857,
81.7151

411.9942,
421.9599, 520.5526

■ 43.1253, 42.8431,
60.5963

102.9674,
103.7928, 137.6075

■ 30.1784, 29.7621,
43.4710

131.1331,
132.6261, 173.2182

■ 20.1228, 19.6581,
29.9207

164.0168,
166.3585, 214.4965

■ 12.5931, 12.1467,
19.5269

201.9840,
205.3743, 261.8611

■ 7.2240, 6.8437,
11.8709

245.4000,
250.0579, 315.7305

■ 3.6502, 3.3645,
6.5344

294.6301,

■ 1.5062, 1.3249,

300.7938, 376.5231

3.0987

350.0397,
357.9663, 444.6577

■ 0.3300, 0.1603,
1.1452

■ 0.0000, 0.0000,
0.0000

■ 59.3289, 59.2857,
81.7151

■ 59.3289, 59.2857,
81.7151

■ 49.6085, 47.0631,
79.8691

■ 70.4655, 73.4082,
83.8550

■ 41.2419, 36.6518,
78.3005

■ 83.0667, 89.4994,
86.2967

■ 34.1697, 27.9672,
76.9970

■ 91.0038, 98.3815,
87.5928

■ 28.3261, 20.9149,
75.9438

■ 23.6394, 15.3916,
75.1247

■ 20.0300, 11.2819,
74.5216

■ 17.4082, 8.4534,
74.1139

■ 15.6682, 6.7481,
73.8764

■ 14.8517, 6.0386,
73.7825

Harmonies

Analogous

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



56.1216, 59.2857, 84.1643



59.3289, 59.2857, 81.7151



61.8177, 59.2857, 74.5459

Triad

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



59.3289, 59.2857, 81.7151



59.7386, 59.2857, 50.5307



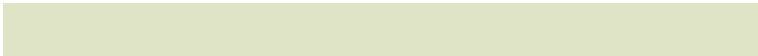
50.3255, 59.2857, 63.9012

Complementary

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



59.3289, 59.2857, 81.7151



68.4857, 75.2998, 64.9604

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.



51.2132, 59.2857, 55.4939



59.3289, 59.2857, 81.7151



56.5776, 59.2857, 48.2510

Square

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



59.3289, 59.2857, 81.7151



62.0606, 59.2857, 56.5228



53.4711, 59.2857, 49.9780



50.9996, 59.2857, 73.3078

Rectangle

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



59.3289, 59.2857, 81.7151



62.6909, 59.2857, 68.3776



53.4711, 59.2857, 49.9780



50.4504, 59.2857, 60.8719

Sweetspot

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



59.3307, 59.2882, 81.7164



88.8440, 92.0977, 107.7018



63.9909, 70.6097, 83.6561



18.7738, 19.4044, 23.0059



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.



59.3307, 59.2882, 81.7164



73.3354, 72.4593, 104.7286



63.4422, 61.4078, 81.9088



13.8132, 14.0059, 18.1197



8.6442, 3.5221, 42.6074



0.7076, 0.2957, 3.1518

Inverse Universe

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



65.7396, 62.6711, 78.4467



82.9951, 77.5596, 99.7353



64.2544, 73.1185, 64.7624



14.8829, 14.5703, 17.5836



23.7995, 11.6540, 28.9030



1.7869, 0.8725, 2.2845

Previews

White Background



This preview shows how the XYZ color 59.3289, 59.2857, 81.7151 looks on a white background.

Color Contrast Check

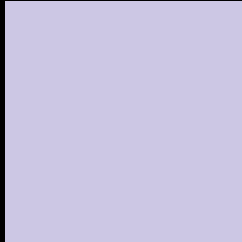
Large Text (above 18pt) WCAG AA × Fail

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 59.3289, 59.2857, 81.7151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

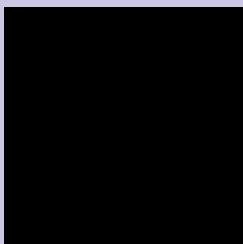
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.3289, 59.2857, 81.7151

Background



This preview shows how black text looks on a background with the XYZ color 59.3289, 59.2857, 81.7151.



This preview shows how white text looks on a background with the XYZ color 59.3289, 59.2857,

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

59.3289, 59.2857, 81.7151

Protanopia

58.3182, 59.4362, 82.5274

Deuteranopia

60.5482, 59.2356, 81.6412



Tritanopia

57.7682, 59.3396, 74.0546

Trichromacy



Original Color

59.3289, 59.2857, 81.7151

Protanomaly

58.6166, 59.2451, 82.4748

Deuteranomaly

60.2101, 59.3995, 81.6906

Tritanomaly

58.3340, 59.2255, 76.7637

Monochromacy



Original Color

59.3289, 59.2857, 81.7151

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

58.0326, 59.8825, 71.4506

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.3289, 59.2857, 81.7151 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(204, 199, 228) looks like.

```
.text, #text, p{  
    color:rgb(204, 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(204, 199, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 199, 228) }
```

Border

The CSS property to change the border of an element to XYZ 59.3289, 59.2857, 81.7151 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(204, 199, 228) }
```


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

```
.border{ border-color:rgb(204, 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(204, 199, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 199, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 199, 228);  
box-shadow:4px 4px 4px 4px rgb(204, 199,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 59.3289, 59.2857, 81.7151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 199, 228) }
```

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

```
.background{ background-color: rgb(204,  
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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