

Converting Colors

XYZ(59.7184, 55.8640, 81.0341)

Have a look what the booklet for
XYZ(59.7184, 55.8640, 81.0341)
contains.

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Color

**XYZ(59.7184, 55.8640,
81.0341)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | D6BCE4 |
| RGB | 214, 188, 228 |
| RGB Percent | 84%, 74%, 89% |
| CMY | 0.1608, 0.2627, 0.1059 |
| CMYK | 0.06, 0.18, 0.00, 0.11 |
| HSL | 279°, 43%, 82% |
| HSV | 279°, 18%, 89% |
| XYZ | 59.7184, 55.8640, 81.0341 |
| YIQ | 200.3340, 2.6560, 17.9520 |

Conversions

Conversions Part 2

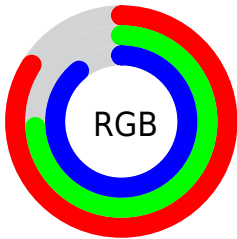
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 214, 188, 228 |
| Decimal | 14073060 |
| CIE _{Lab} | 79.54, 16.45, -16.53 |
| CIE _{LCh} | 80, 23.319, 314.868 |
| Yxy | 55.8640, 0.3037, 0.2841 |
| Android (android.graphics.Color) | 4292263140 (0xFFD6BCE4) |
| YUV | 200.3340, 13.6393, 11.9851 |
| Hunter-Lab | 74.7422, 11.8211, -11.9615 |

Details

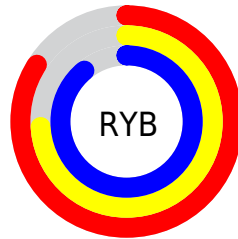
The XYZ color **59.7184, 55.8640, 81.0341** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **61.1795, 71.6756, 58.1899**, and the grayscale version is **55.0244, 57.8899, 63.0421**.

A 20% lighter version of the original color is **91.6407, 93.1814, 107.7636**, and **30.5049, 27.7160, 43.2771** is the 20% darker color. If you saturate the color by 10%, you get **52.9554, 45.7105, 79.4316**, and if you desaturate by 10%, it is **67.3683, 67.6199, 82.9009**.

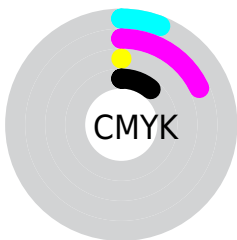
Distribution



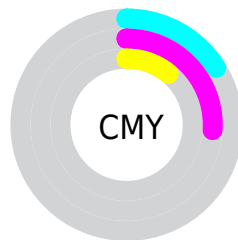
- Red (84%)
- Green (74%)
- Blue (89%)



- Red (84%)
- Yellow (74%)
- Blue (89%)



- Cyan (6%)
- Magenta (18%)
- Yellow (0%)
- Black (11%)





- Cyan (16%)
- Magenta (26%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.7184, 55.8640, 81.0341 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 59.7184, 55.8640, 81.0341 by changing the saturation by 10% instead.

 59.7184, 55.8640,
81.0341

 59.7184, 55.8640,
81.0341


413.4104,
409.1788, 518.2094

 43.4403, 40.0939,
60.0385


 103.5297, 98.8057,
136.6431

 30.4267, 27.6118,
43.0242


131.7937,
126.7461, 172.0937

 20.3124, 18.0332,
29.5725


164.7836,
159.5120, 213.1997

 12.7319, 10.9738,
19.2651

202.8648,
197.4879, 260.3796

 7.3199, 6.0492,
11.6832

246.4028,
241.0581, 314.0519

 3.7111, 2.8750,
6.4085

295.7628,

 1.5400, 1.0668,

290.6071, 374.6353

3.0222

351.3102,
346.5192, 442.5483

■ 0.3528, 0.0000,
1.1060

■ 0.0000, 0.0000,
0.0000

■ 59.7184, 55.8640,
81.0341

■ 59.7184, 55.8640,
81.0341

■ 52.9554, 45.7105,
79.4316

■ 67.3683, 67.6199,
82.9009

■ 47.0367, 37.0795,
78.0776

■ 75.9353, 81.0392,
85.0395

■ 41.9232, 29.8945,
76.9602

■ 85.0044, 95.2887,
87.3120

■ 37.5709, 24.0697,
76.0653

■ 87.7428, 96.7004,
87.4401

■ 33.9308, 19.5098,
75.3770

■ 90.6014, 98.1741,
87.5739

■ 30.9476, 16.1070,
74.8775

■ 91.0038, 98.3815,
87.5927

■ 28.5568, 13.7346,
74.5456

■ 26.6717, 12.2223,
74.3530

■ 26.2524, 11.9159,
74.3160

Harmonies

Analogous

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



55.4455, 55.8640, 89.3676



59.7184, 55.8640, 81.0341



62.2894, 55.8640, 67.8223

Triad

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



59.7184, 55.8640, 81.0341



55.4867, 55.8640, 39.1411



44.8471, 55.8640, 67.6990

Complementary

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



59.7184, 55.8640, 81.0341



61.1795, 71.6756, 58.1899

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.



44.8567, 55.8640, 54.3289



59.7184, 55.8640, 81.0341



50.8159, 55.8640, 39.1182

Square

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



59.7184, 55.8640, 81.0341



59.7501, 55.8640, 44.3608



46.9842, 55.8640, 44.2928



46.9572, 55.8640, 80.9325

Rectangle

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



59.7184, 55.8640, 81.0341



62.6016, 55.8640, 58.6602



46.9842, 55.8640, 44.2928



44.6068, 55.8640, 63.0453

Sweetspot

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



59.7201, 55.8664, 81.0353



89.4938, 91.2966, 107.5129



56.0220, 58.8497, 81.8061



18.9934, 19.2889, 22.9720



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.



59.7201, 55.8664, 81.0353



73.7192, 67.0803, 103.6701



63.2541, 57.7724, 77.3951



14.4799, 14.3496, 18.1509



15.2917, 6.9491, 42.9185



1.2295, 0.5648, 3.1762

Inverse Universe

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



60.6406, 56.7271, 63.6328



75.1756, 68.4210, 77.0887



58.1473, 70.0447, 61.1050



14.5842, 14.4509, 16.0111



19.3577, 9.8773, 5.5126



1.4732, 0.7470, 0.6324

Previews

White Background



This preview shows how the XYZ color 59.7184, 55.8640, 81.0341 looks on a white background.

Color Contrast Check

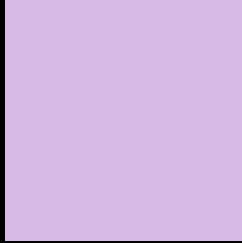
Large Text (above 18pt) WCAG AA × Fail

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 59.7184, 55.8640, 81.0341 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 59.7184, 55.8640, 81.0341

Background



This preview shows how black text looks on a background with the XYZ color 59.7184, 55.8640, 81.0341.



This preview shows how white text looks on a background with the XYZ color 59.7184, 55.8640,

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

59.7184, 55.8640, 81.0341

Protanopia

55.6831, 56.3102, 85.0249

Deuteranopia

57.0719, 55.8019, 80.4359



Tritanopia

56.9761, 56.0532, 66.8479

Trichromacy



Original Color

59.7184, 55.8640, 81.0341

Protanomaly

57.0470, 56.0516, 83.4136

Deuteranomaly

57.9495, 55.9295, 80.4142

Tritanomaly

58.0479, 56.1649, 72.0714

Monochromacy



Original Color

59.7184, 55.8640, 81.0341

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

56.5496, 57.1121, 69.0160

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.7184, 55.8640, 81.0341 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, 188, 228)` looks like.

```
.text, #text, p{  
    color:rgb(214, 188, 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(214, 188, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 188, 228) }
```

Border

The CSS property to change the border of an element to XYZ 59.7184, 55.8640, 81.0341 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, 188, 228) }
```


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

```
.border{ border-color:rgb(214, 188, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 188, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 188, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 188, 228);  
box-shadow:4px 4px 4px 4px rgb(214, 188,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 59.7184, 55.8640, 81.0341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 188, 228) }
```

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

```
.background{ background-color: rgb(214,  
188, 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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