

Converting Colors

XYZ(58.8771, 59.8105, 86.2833)

Have a look what the booklet for
XYZ(58.8771, 59.8105, 86.2833)
contains.

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Color

**XYZ(58.7639, 59.5841,
86.2456)**

Conversions

Conversions Part 1

Format	Color
Hex	C5C9EA
RGB	197, 201, 234
RGB Percent	77%, 79%, 92%
CMY	0.2274, 0.2117, 0.0823
CMYK	0.16, 0.14, 0.00, 0.08
HSL	234°, 47%, 85%
HSV	234°, 16%, 92%
XYZ	58.7639, 59.5841, 86.2456
YIQ	203.5660, -12.9770, 9.4150

Conversions

Conversions Part 2

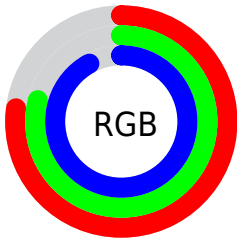
Format	Color
R _Y B	197, 201, 234
Decimal	12962282
CIE Lab	81.61, 5.21, -16.75
CIE LCh	82, 17.546, 287.282
Yxy	59.5841, 0.2872, 0.2912
Android (android.graphics.Color)	4291152362 (0xFFC5C9EA)
YUV	203.5660, 15.0040, -5.7584
Hunter-Lab	77.1907, 0.8050, -12.2115

Details

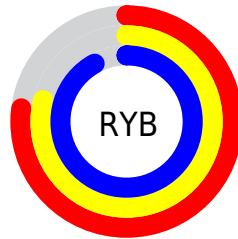
The XYZ color **58.7639, 59.5841, 86.2456** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **72.3070, 78.1172, 64.0919**, and the grayscale version is **57.0365, 60.0068, 65.3474**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **29.7973, 29.9214, 46.3244** is the 20% darker color. If you saturate the color by 10%, you get **48.5671, 47.5908, 84.4690**, and if you desaturate by 10%, it is **70.5763, 73.3945, 88.2896**.

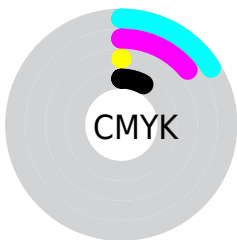
Distribution



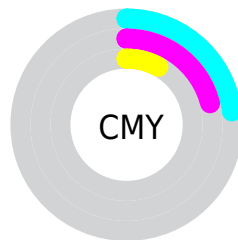
- Red (77%)
- Green (79%)
- Blue (92%)



- Red (77%)
- Yellow (79%)
- Blue (92%)



- Cyan (16%)
- Magenta (14%)
- Yellow (0%)
- Black (8%)



- Cyan (23%)
- Magenta (21%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.7639, 59.5841, 86.2456 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 58.7639, 59.5841, 86.2456 by changing the saturation by 10% instead.

■ 58.7639, 59.5841,
86.2456

■ 58.7639, 59.5841,
86.2456

409.9345,
423.0631, 535.9924

■ 42.6687, 43.0835,
64.3150

102.1510,
104.2261, 144.0017

■ 29.8187, 29.9506,
46.4581

130.1737,
133.1363, 180.6644

■ 19.8484, 19.8011,
32.2562

162.9029,
166.9518, 223.0748

■ 12.3925, 12.2506,
21.2908

200.7040,
206.0571, 271.6515

■ 7.0857, 6.9146,
13.1434

243.9424,
250.8364, 326.8131

■ 3.5625, 3.4087,
7.3955

292.9833,

■ 1.4578, 1.3487,

301.6743, 388.9781

3.6285

348.1923,
358.9550, 458.5650

■ 0.2968, 0.1784,
1.4238

■ 0.0000, 0.0000,
0.1602

■ 58.7639, 59.5841,
86.2456

■ 58.7639, 59.5841,
86.2456

■ 48.5671, 47.5908,
84.4690

■ 70.5763, 73.3945,
88.2896

■ 39.9104, 37.3318,
82.9451

■ 84.0648, 89.0856,
90.6074

■ 32.7200, 28.7286,
81.6635

■ 91.8515, 98.7206,
92.0568

■ 26.9142, 21.6940,
80.6117

■ 22.4031, 16.1327,
79.7760

■ 19.0862, 11.9388,
79.1413

■ 16.8476, 8.9921,
78.6906

■ 15.5477, 7.1509,
78.4037

■ 15.2058, 6.6492,
78.3249

Harmonies

Analogous

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



55.0873, 59.5841, 86.7521



58.7639, 59.5841, 86.2456



61.9996, 59.5841, 79.6394

Triad

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



58.7639, 59.5841, 86.2456



61.5768, 59.5841, 51.0814



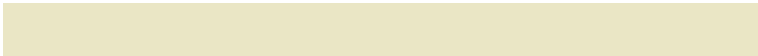
49.9988, 59.5841, 60.5113

Complementary

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



58.7639, 59.5841, 86.2456



72.3070, 78.1172, 64.0919

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.



51.5852, 59.5841, 52.0618



58.7639, 59.5841, 86.2456



58.2072, 59.5841, 47.0278

Square

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



58.7639, 59.5841, 86.2456



63.6713, 59.5841, 59.0337



54.5541, 59.5841, 47.3661



50.1333, 59.5841, 71.0936

Rectangle

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



58.7639, 59.5841, 86.2456



63.4231, 59.5841, 73.0335



54.5541, 59.5841, 47.3661



50.3455, 59.5841, 57.3515

Sweetspot

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



58.7657, 59.5866, 86.2469



86.9930, 90.6199, 107.5141



66.6884, 76.4125, 85.8652



18.3866, 19.1242, 22.9722



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.



58.7657, 59.5866, 86.2469



67.1477, 67.4030, 104.0788



61.7354, 59.7504, 86.1220



14.3623, 14.8111, 19.0241



8.5885, 3.8240, 44.0284



0.7182, 0.3879, 3.4719

Inverse Universe

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



64.4420, 61.6435, 63.7630



75.3012, 70.4108, 71.7708



68.9618, 78.0650, 64.2581



15.1317, 15.0805, 15.9788



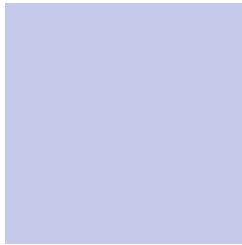
19.1904, 9.8788, 1.5379



1.5290, 0.7846, 0.2372

Previews

White Background



This preview shows how the XYZ color 58.7639, 59.5841, 86.2456 looks on a white background.

Color Contrast Check

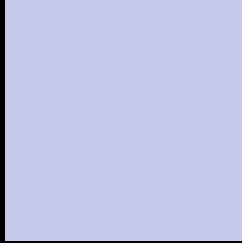
Large Text (above 18pt) WCAG AA × Fail

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 58.7639, 59.5841, 86.2456 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

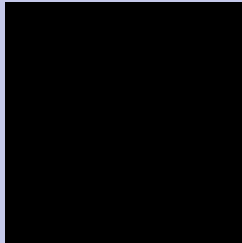
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.7639, 59.5841, 86.2456

Background



This preview shows how black text looks on a background with the XYZ color 58.7639, 59.5841, 86.2456.



This preview shows how white text looks on a background with the XYZ color 58.7639, 59.5841,

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

58.7639, 59.5841, 86.2456

Protanopia

58.7639, 59.5841, 86.2456

Deuteranopia

60.9216, 59.6517, 86.9003



Tritanopia

56.5223, 59.3485, 76.1865

Trichromacy



Original Color

58.7639, 59.5841, 86.2456

Protanomaly

58.7639, 59.5841, 86.2456

Deuteranomaly

60.0474, 59.5415, 86.9251

Tritanomaly

57.2168, 59.2794, 79.6606

Monochromacy



Original Color

58.7639, 59.5841, 86.2456

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.7091, 60.0357, 72.8364

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.7639, 59.5841, 86.2456 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(197, 201, 234)` looks like.

```
.text, #text, p{  
    color:rgb(197, 201, 234)  
}
```

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(197, 201, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 201, 234) }
```

Border

The CSS property to change the border of an element to XYZ 58.7639, 59.5841, 86.2456 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(197, 201, 234) }
```


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

```
.border{ border-color:rgb(197, 201, 234) }
```

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

Here you see how a box with a 4 pixel rgb(197, 201, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 201, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 201, 234);  
box-shadow:4px 4px 4px 4px rgb(197, 201,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 58.7639, 59.5841, 86.2456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 201, 234) }
```

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

```
.background{ background-color: rgb(197,  
201, 234) }
```

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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