

Converting Colors

XYZ(61.3833, 64.1795, 89.1176)

Have a look what the booklet for
XYZ(61.3833, 64.1795, 89.1176)
contains.

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Color

**XYZ(61.3586, 64.0779,
89.2551)**

Conversions

Conversions Part 1

Format	Color
Hex	C5D2ED
RGB	197, 210, 237
RGB Percent	77%, 82%, 93%
CMY	0.2274, 0.1765, 0.0706
CMYK	0.17, 0.11, 0.00, 0.07
HSL	220°, 53%, 85%
HSV	220°, 17%, 93%
XYZ	61.3586, 64.0779, 89.2551
YIQ	209.1910, -16.4150, 5.6410

Conversions

Conversions Part 2

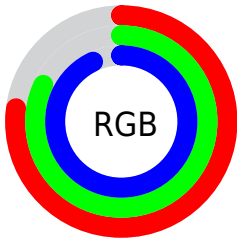
Format	Color
R _Y B	197, 207, 237
Decimal	12964589
CIE Lab	84.01, 1.07, -14.75
CIE LCh	84, 14.792, 274.147
Yxy	64.0779, 0.2858, 0.2985
Android (android.graphics.Color)	4291154669 (0xFFC5D2ED)
YUV	209.1910, 13.7098, -10.6915
Hunter-Lab	80.0487, -3.2620, -10.0749

Details

The XYZ color **61.3586, 64.0779, 89.2551** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **71.6593, 75.3470, 63.5913**, and the grayscale version is **60.6515, 63.8101, 69.4892**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **31.5566, 32.9528, 48.4134** is the 20% darker color. If you saturate the color by 10%, you get **51.8804, 53.6205, 87.7372**, and if you desaturate by 10%, it is **72.2111, 75.8330, 90.9531**.

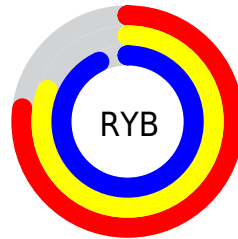
Distribution



Red (77%)

Green (82%)

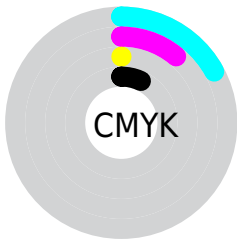
Blue (93%)



Red (77%)

Yellow (81%)

Blue (93%)

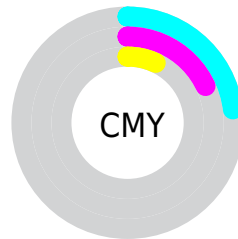


Cyan (17%)

Magenta (11%)

Yellow (0%)

Black (7%)



Cyan (23%)

Magenta (18%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.3586, 64.0779, 89.2551 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 61.3586, 64.0779, 89.2551 by changing the saturation by 10% instead.

■ 61.3586, 64.0779,
89.2551

■ 61.3586, 64.0779,
89.2551

419.3425,
439.4709, 546.1122

■ 44.7683, 46.7138,
66.7928

105.8932,
110.7231, 148.2297

■ 31.4754, 32.8094,
48.4557

134.5681,
140.7730, 185.5791

■ 21.1148, 21.9805,
33.8253

168.0020,
175.8202, 228.7279

■ 13.3208, 13.8426,
22.4832

206.5601,
216.2493, 278.0947

■ 7.7284, 8.0113,
14.0107

250.6079,
262.4444, 334.0979

■ 3.9720, 4.1022,
7.9892

300.5107,

■ 1.6863, 1.7309,

314.7902, 397.1562

4.0004

356.6338,
373.6709, 467.6882

■ 0.4477, 0.4435,
1.6256

■ 0.0000, 0.0000,
0.3090

■ 61.3586, 64.0779,
89.2551

■ 61.3586, 64.0779,
89.2551

■ 51.8804, 53.6205,
87.7372

■ 72.2111, 75.8330,
90.9531

■ 43.7137, 44.4065,
86.3892

■ 84.4855, 88.9220,
92.8326

■ 36.7992, 36.3890,
85.2061

■ 92.2863, 98.8945,
94.3463

■ 31.0706, 29.5150,
84.1812

■ 26.4552, 23.7271,
83.3072

■ 22.8714, 18.9620,
82.5764

■ 20.2250, 15.1486,
81.9798

■ 18.3989, 12.2022,
81.5073

■ 17.9429, 11.4279,
81.3819

Harmonies

Analogous

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



58.2108, 64.0779, 87.2085



61.3586, 64.0779, 89.2551



64.4916, 64.0779, 85.7105

Triad

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



61.3586, 64.0779, 89.2551



66.2418, 64.0779, 60.1685



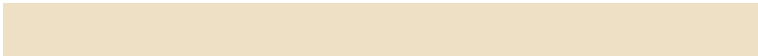
55.4343, 64.0779, 62.2291

Complementary

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



61.3586, 64.0779, 89.2551



71.6593, 75.3470, 63.5913

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.



57.4522, 64.0779, 55.9395



61.3586, 64.0779, 89.2551



63.6793, 64.0779, 54.8264

Square

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



61.3586, 64.0779, 89.2551



67.3739, 64.0779, 68.4796



60.4519, 64.0779, 53.3495



54.8624, 64.0779, 71.0764

Rectangle

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



61.3586, 64.0779, 89.2551



66.1285, 64.0779, 80.8244



60.4519, 64.0779, 53.3495



55.9624, 64.0779, 59.7724

Sweetspot

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



61.3605, 64.0805, 89.2565



87.8297, 92.2933, 107.7930



66.7208, 77.8036, 81.7865



18.5893, 19.5296, 23.0398



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.



61.3605, 64.0805, 89.2565



68.6970, 71.5478, 104.7971



60.0642, 58.8387, 88.3131



14.6310, 15.3485, 19.1137



9.9020, 6.4510, 44.4662



0.8622, 0.6758, 3.5199

Inverse Universe

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



66.5257, 62.5917, 69.5508



75.8279, 69.6437, 77.5583



73.1036, 81.4789, 64.6988



15.2673, 15.1348, 16.6930



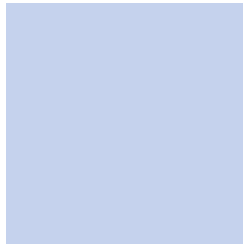
19.8534, 10.1440, 5.0292



1.6017, 0.8136, 0.6198

Previews

White Background



This preview shows how the XYZ color 61.3586, 64.0779, 89.2551 looks on a white background.

Color Contrast Check

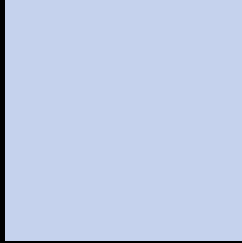
Large Text (above 18pt) WCAG AA × Fail

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 61.3586, 64.0779, 89.2551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

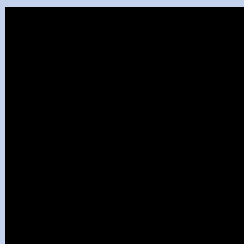
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.3586, 64.0779, 89.2551

Background



This preview shows how black text looks on a background with the XYZ color 61.3586, 64.0779, 89.2551.

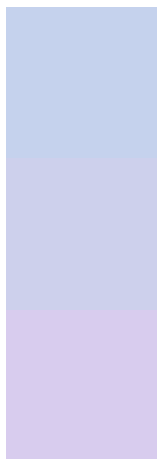


This preview shows how white text looks on a background with the XYZ color 61.3586, 64.0779,

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

61.3586, 64.0779, 89.2551

Protanopia

62.8730, 64.1470, 88.4247

Deuteranopia

65.3444, 63.9577, 89.7900



Tritanopia

59.8035, 63.7921, 82.5599

Trichromacy



Original Color

61.3586, 64.0779, 89.2551

Protanomaly

62.2979, 64.2136, 88.4679

Deuteranomaly

63.7984, 63.8710, 89.8547

Tritanomaly

60.4830, 64.0938, 84.7849

Monochromacy



Original Color

61.3586, 64.0779, 89.2551

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.7635, 63.6945, 76.1095

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3586, 64.0779, 89.2551 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, 210, 237)` looks like.

```
.text, #text, p{  
    color:rgb(197, 210, 237)  
}
```

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, 210, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 210, 237) }
```

Border

The CSS property to change the border of an element to XYZ 61.3586, 64.0779, 89.2551 is called "border". The border property can be set on classes, ids or directly on the HTML element.

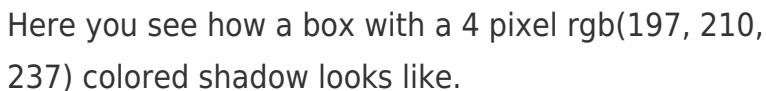
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 210, 237) }
```


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

```
.border{ border-color:rgb(197, 210, 237) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 210, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 210, 237); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 210, 237); box-shadow:4px 4px 4px 4px rgb(197, 210, 237) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3586, 64.0779, 89.2551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 210, 237) }
```

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

```
.background{ background-color: rgb(197,  
210, 237) }
```

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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