

Converting Colors

XYZ(61.4073, 65.3470, 81.1954)

Have a look what the booklet for
XYZ(61.4073, 65.3470, 81.1954)
contains.

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Color

**XYZ(61.3411, 65.3588,
81.3340)**

Conversions

Conversions Part 1

Format	Color
Hex	C8D5E2
RGB	200, 213, 226
RGB Percent	78%, 84%, 89%
CMY	0.2157, 0.1647, 0.1137
CMYK	0.12, 0.06, 0.00, 0.11
HSL	210°, 31%, 84%
HSV	210°, 12%, 89%
XYZ	61.3411, 65.3588, 81.3340
YIQ	210.5950, -11.9210, 1.2870

Conversions

Conversions Part 2

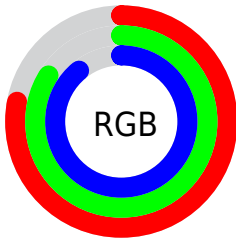
Format	Color
R _Y B	200, 209, 226
Decimal	13161954
CIE Lab	84.67, -1.82, -7.90
CIE LCh	85, 8.110, 256.997
Yxy	65.3588, 0.2949, 0.3142
Android (android.graphics.Color)	4291352034 (0xFFC8D5E2)
YUV	210.5950, 7.5947, -9.2918
Hunter-Lab	80.8448, -6.0413, -3.0574

Details

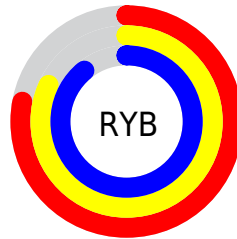
The XYZ color **61.3411, 65.3588, 81.3340** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.5840, 67.9270, 64.2993**, and the grayscale version is **61.6085, 64.8169, 70.5856**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.4316, 33.5050, 43.3386** is the 20% darker color. If you saturate the color by 10%, you get **53.0027, 56.9892, 80.1590**, and if you desaturate by 10%, it is **70.7735, 74.5898, 82.6196**.

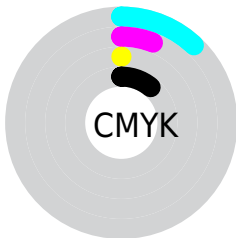
Distribution



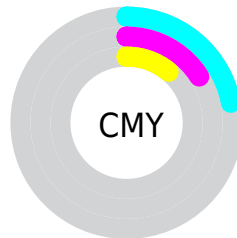
- Red (78%)
- Green (84%)
- Blue (89%)



- Red (78%)
- Yellow (82%)
- Blue (89%)



- Cyan (12%)
- Magenta (6%)
- Yellow (0%)
- Black (11%)



- Cyan (22%)
- Magenta (16%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.3411, 65.3588, 81.3340 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 61.3411, 65.3588, 81.3340 by changing the saturation by 10% instead.

■ 61.3411, 65.3588,
81.3340

■ 61.3411, 65.3588,
81.3340

419.2795,
444.0802, 519.2421

■ 44.7541, 47.7521,
60.2841

105.8680,
112.5655, 137.0679

■ 31.4642, 33.6306,
43.2209

134.5386,
142.9344, 172.5891

■ 21.1062, 22.6100,
29.7258

167.9677,
178.3260, 213.7710

■ 13.3145, 14.3058,
19.3803

206.5208,
219.1248, 261.0323

■ 7.7240, 8.3336,
11.7658

250.5632,
265.7153, 314.7916

■ 3.9692, 4.3092,
6.4638

300.4602,

■ 1.6847, 1.8480,

318.4817, 375.4672

3.0558

356.5772,
377.8086, 443.4779

■ 0.4467, 0.5168,
1.1232

■ 0.0000, 0.0000,
0.0000

■ 61.3411, 65.3588,
81.3340

■ 61.3411, 65.3588,
81.3340

■ 53.0027, 56.9892,
80.1590

■ 70.7735, 74.5898,
82.6196

■ 45.7095, 49.4447,
79.0872

■ 81.3347, 84.7005,
84.0146

■ 39.4175, 42.6981,
78.1166

■ 88.1970, 93.2097,
85.2953

■ 34.0770, 36.7174,
77.2437

■ 90.7277, 98.2711,
86.1389

■ 29.6337, 31.4683,
76.4647

■ 26.0272, 26.9126,
75.7754

■ 23.1887, 23.0078,
75.1713

■ 21.0367, 19.7045,
74.6471

■ 19.6358, 17.3073,
74.2583

Harmonies

Analogous

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



59.7760, 65.3588, 78.7123



61.3411, 65.3588, 81.3340



63.1454, 65.3588, 81.1375

Triad

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



61.3411, 65.3588, 81.3340



65.5126, 65.3588, 68.2881



59.6088, 65.3588, 64.5752

Complementary

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



61.3411, 65.3588, 81.3340



65.5840, 67.9270, 64.2993

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.



61.1089, 65.3588, 62.0444



61.3411, 65.3588, 81.3340



64.5278, 65.3588, 64.1155

Square

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



61.3411, 65.3588, 81.3340



65.5777, 65.3588, 73.4330



62.9086, 65.3588, 61.8803



58.7890, 65.3588, 68.9435

Rectangle

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



61.3411, 65.3588, 81.3340



64.2414, 65.3588, 79.4331



62.9086, 65.3588, 61.8803



60.0489, 65.3588, 63.4908

Sweetspot

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



61.3430, 65.3615, 81.3355



91.0835, 96.1621, 108.3683



62.9722, 71.4553, 73.1372



19.2736, 20.3669, 23.1653



0.0000, 0.0000, 0.0000



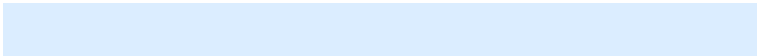
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.3430, 65.3615, 81.3355



77.6826, 82.9843, 106.5310



58.3028, 59.2811, 80.3221



13.5156, 14.3702, 17.4491



11.3209, 10.1113, 42.4034



0.8742, 0.8799, 2.9690

Inverse Universe

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



64.0300, 62.2828, 71.6009



81.9584, 78.2032, 91.0139



68.8691, 74.4973, 65.3944



13.9917, 13.8143, 15.7264



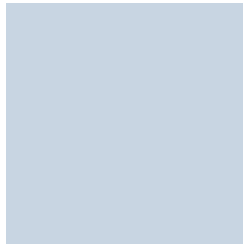
19.6544, 9.9288, 10.1120



1.4075, 0.7063, 0.9389

Previews

White Background



This preview shows how the XYZ color 61.3411, 65.3588, 81.3340 looks on a white background.

Color Contrast Check

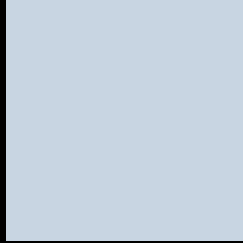
Large Text (above 18pt) WCAG AA × Fail

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 61.3411, 65.3588, 81.3340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

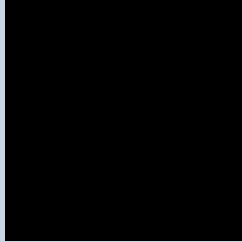
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

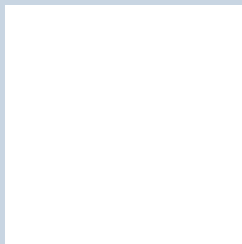
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.3411, 65.3588, 81.3340

Background



This preview shows how black text looks on a background with the XYZ color 61.3411, 65.3588, 81.3340.

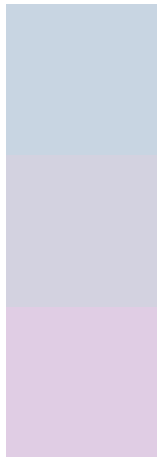


This preview shows how white text looks on a background with the XYZ color 61.3411, 65.3588,

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

61.3411, 65.3588, 81.3340

Protanopia

63.3651, 65.3239, 79.7901

Deuteranopia

66.5754, 65.1114, 82.4576



Tritanopia

61.7737, 65.1616, 83.4504

Trichromacy



Original Color

61.3411, 65.3588, 81.3340

Protanomaly

62.6170, 65.2902, 80.5362

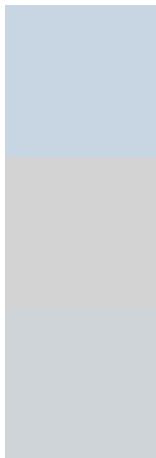
Deuteranomaly

64.4453, 65.1049, 81.8429

Tritanomaly

61.6345, 65.1059, 82.7170

Monochromacy



Original Color

61.3411, 65.3588, 81.3340

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.6703, 65.3102, 74.3215

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3411, 65.3588, 81.3340 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(200, 213, 226)` looks like.

```
.text, #text, p{  
    color:rgb(200, 213, 226)  
}
```

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(200, 213, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 213, 226) }
```

Border

The CSS property to change the border of an element to XYZ 61.3411, 65.3588, 81.3340 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(200, 213, 226) }
```


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

```
.border{ border-color:rgb(200, 213, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 213, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 213, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 213, 226);  
box-shadow:4px 4px 4px 4px rgb(200, 213,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3411, 65.3588, 81.3340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 213, 226) }
```

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

```
.background{ background-color: rgb(200,  
213, 226) }
```

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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