

Converting Colors

XYZ(61.1658, 65.7601, 82.8233)

Have a look what the booklet for
XYZ(61.1658, 65.7601, 82.8233)
contains.

XYZ(61.0761, 65.5649, 82.8350)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(61.0761, 65.5649,
82.8350)**

Conversions

Conversions Part 1

Format	Color
Hex	C5D6E4
RGB	197, 214, 228
RGB Percent	77%, 84%, 89%
CMY	0.2274, 0.1608, 0.1059
CMYK	0.14, 0.06, 0.00, 0.11
HSL	207°, 36%, 83%
HSV	207°, 14%, 89%
XYZ	61.0761, 65.5649, 82.8350
YIQ	210.5130, -14.6260, 0.7500

Conversions

Conversions Part 2

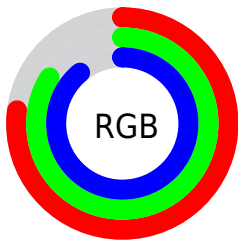
Format	Color
R_{YB}	197, 208, 228
Decimal	12965604
CIE _{Lab}	84.77, -2.90, -8.83
CIE _{LCh}	85, 9.295, 251.796
Yxy	65.5649, 0.2916, 0.3130
Android (android.graphics.Color)	4291155684 (0xFFC5D6E4)
YUV	210.5130, 8.6211, -11.8509
Hunter-Lab	80.9722, -7.0614, -3.9735

Details

The XYZ color **61.0761, 65.5649, 82.8350** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.3676, 67.1134, 62.3335**, and the grayscale version is **61.5493, 64.7546, 70.5178**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **31.2687, 33.6530, 44.3828** is the 20% darker color. If you saturate the color by 10%, you get **53.0284, 57.6714, 81.7366**, and if you desaturate by 10%, it is **70.1953, 74.2586, 84.0335**.

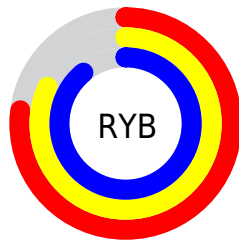
Distribution



Red (77%)

Green (84%)

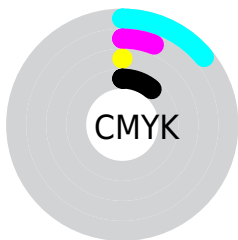
Blue (89%)



Red (77%)

Yellow (82%)

Blue (89%)

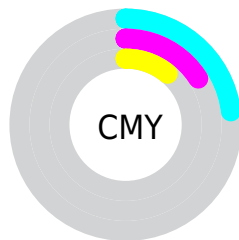


Cyan (14%)

Magenta (6%)

Yellow (0%)

Black (11%)



Cyan (23%)

Magenta (16%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.0761, 65.5649, 82.8350 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 61.0761, 65.5649, 82.8350 by changing the saturation by 10% instead.

■ 61.0761, 65.5649,
82.8350

■ 61.0761, 65.5649,
82.8350

418.3244,
444.8192, 524.3930

■ 44.5394, 47.9193,
61.5142

105.4866,
112.8616, 139.1915

■ 31.2945, 33.7630,
44.2070

134.0911,
143.2815, 175.0643

■ 20.9761, 22.7116,
30.4949

167.4488,
178.7283, 216.6249

■ 13.2189, 14.3807,
19.9593

205.9253,
219.5863, 264.2918

■ 7.6575, 8.3859,
12.1817

249.8857,
266.2401, 318.4835

■ 3.9265, 4.3429,
6.7435

299.6954,

■ 1.6607, 1.8671,

319.0739, 379.6186

3.2262

355.7199,
378.4721, 448.1156

■ 0.4315, 0.5285,
1.2113

■ 0.0000, 0.0000,
0.0000

■ 61.0761, 65.5649,
82.8350

■ 61.0761, 65.5649,
82.8350

■ 53.0284, 57.6714,
81.7366

■ 70.1953, 74.2586,
84.0335

■ 46.0029, 50.5432,
80.7310

■ 80.4210, 83.7699,
85.3304

■ 39.9551, 44.1544,
79.8166

■ 87.8625, 92.0989,
86.5458

■ 34.8344, 38.4741,
78.9901

■ 91.0038, 98.3815,
87.5929

■ 30.5854, 33.4690,
78.2479

■ 27.1462, 29.1020,
77.5863

■ 24.4457, 25.3312,
77.0008

■ 22.3980, 22.1070,
76.4864

■ 21.3444, 20.2828,
76.1898

Harmonies

Analogous

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



59.3824, 65.5649, 79.3004



61.0761, 65.5649, 82.8350



63.1389, 65.5649, 83.2015

Triad

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



61.0761, 65.5649, 82.8350



66.3160, 65.5649, 69.0724



59.6891, 65.5649, 63.1838

Complementary

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



61.0761, 65.5649, 82.8350



65.3676, 67.1134, 62.3335

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.



61.5032, 65.5649, 60.7511



61.0761, 65.5649, 82.8350



65.3477, 65.5649, 64.0222

Square

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



61.0761, 65.5649, 82.8350



66.1955, 65.5649, 75.0282



63.5755, 65.5649, 61.0492



58.5940, 65.5649, 67.8694

Rectangle

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



61.0761, 65.5649, 82.8350



64.4492, 65.5649, 81.5760



63.5755, 65.5649, 61.0492



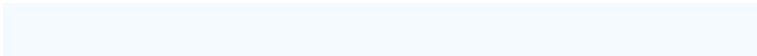
60.2333, 65.5649, 62.0875

Sweetspot

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



61.0780, 65.5676, 82.8365



89.9448, 95.2132, 108.2451



62.5221, 72.0589, 72.2098



19.0519, 20.1910, 23.1431



0.0000, 0.0000, 0.0000



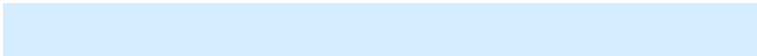
20.3446, 21.4041, 23.3091

Same Dimension

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



61.0780, 65.5676, 82.8365



76.0022, 81.8707, 106.4046



57.3508, 58.1131, 81.5940



14.2348, 15.1910, 18.3262



12.4450, 11.9520, 44.0342



1.0121, 1.0682, 3.2848

Inverse Universe

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



64.1003, 61.2829, 72.0718



80.5617, 75.5442, 90.1335



69.3929, 75.1641, 63.6752



14.7061, 14.4996, 16.6527



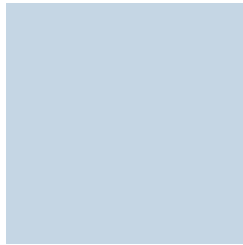
20.6751, 10.4043, 12.4502



1.5745, 0.7875, 1.1659

Previews

White Background



This preview shows how the XYZ color 61.0761, 65.5649, 82.8350 looks on a white background.

Color Contrast Check

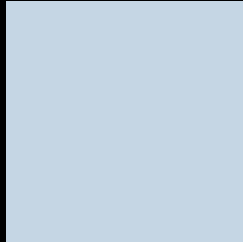
Large Text (above 18pt) WCAG AA × Fail

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 61.0761, 65.5649, 82.8350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

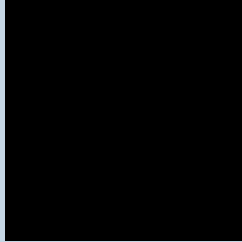
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

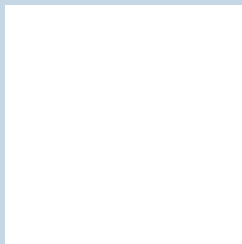
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.0761, 65.5649, 82.8350

Background



This preview shows how black text looks on a background with the XYZ color 61.0761, 65.5649, 82.8350.

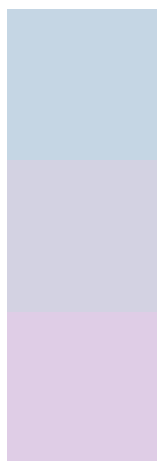


This preview shows how white text looks on a background with the XYZ color 61.0761, 65.5649,

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

61.0761, 65.5649, 82.8350

Protanopia

63.6380, 65.4331, 81.2273

Deuteranopia

66.5457, 65.0638, 83.9141



Tritanopia

61.4963, 65.7330, 85.0478

Trichromacy



Original Color

61.0761, 65.5649, 82.8350

Protanomaly

62.6130, 65.2564, 81.9687

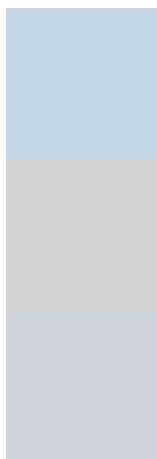
Deuteranomaly

64.4303, 65.0650, 83.2917

Tritanomaly

61.3555, 65.6766, 84.3060

Monochromacy



Original Color

61.0761, 65.5649, 82.8350

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.5215, 65.2185, 74.9915

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.0761, 65.5649, 82.8350 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, 214, 228)` looks like.

```
.text, #text, p{  
    color:rgb(197, 214, 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(197, 214, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 214, 228) }
```

Border

The CSS property to change the border of an element to XYZ 61.0761, 65.5649, 82.8350 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, 214, 228) }
```


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

```
.border{ border-color:rgb(197, 214, 228) }
```

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

Here you see how a box with a 4 pixel rgb(197, 214, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 214, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 214, 228);  
box-shadow:4px 4px 4px 4px rgb(197, 214,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 61.0761, 65.5649, 82.8350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 214, 228) }
```

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

```
.background{ background-color: rgb(197,  
214, 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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