

Converting Colors

XYZ(60.9624, 66.0134, 81.6686)

Have a look what the booklet for
XYZ(60.9624, 66.0134, 81.6686)
contains.

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Color

**XYZ(60.7929, 65.8276,
81.4534)**

Conversions

Conversions Part 1

Format	Color
Hex	C4D7E2
RGB	196, 215, 226
RGB Percent	77%, 84%, 89%
CMY	0.2314, 0.1568, 0.1137
CMYK	0.13, 0.05, 0.00, 0.11
HSL	202°, 34%, 83%
HSV	202°, 13%, 89%
XYZ	60.7929, 65.8276, 81.4534
YIQ	210.5730, -14.8550, -0.6070

Conversions

Conversions Part 2

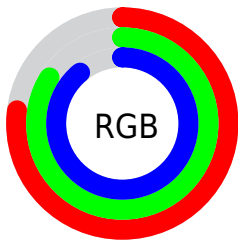
Format	Color
R _Y B	196, 208, 226
Decimal	12900322
CIE Lab	84.91, -4.15, -7.58
CIE LCh	85, 8.639, 241.285
Yxy	65.8276, 0.2922, 0.3164
Android (android.graphics.Color)	4291090402 (0xFFC4D7E2)
YUV	210.5730, 7.6055, -12.7805
Hunter-Lab	81.1342, -8.2369, -2.7293

Details

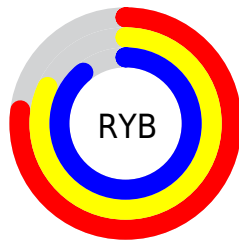
The XYZ color **60.7929, 65.8276, 81.4534** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.6412, 64.7799, 61.3755**, and the grayscale version is **61.5954, 64.8031, 70.5706**.

A 20% lighter version of the original color is **94.3180, 99.6226, 108.8657**, and **31.0768, 33.8327, 43.4205** is the 20% darker color. If you saturate the color by 10%, you get **53.2954, 58.9113, 80.5146**, and if you desaturate by 10%, it is **69.2866, 73.4196, 82.4722**.

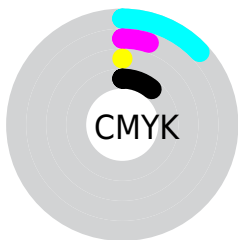
Distribution



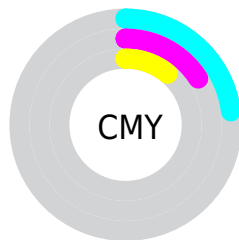
- Red (77%)
- Green (84%)
- Blue (89%)



- Red (77%)
- Yellow (82%)
- Blue (89%)



- Cyan (13%)
- Magenta (5%)
- Yellow (0%)
- Black (11%)



- Cyan (23%)
- Magenta (16%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.7929, 65.8276, 81.4534 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 60.7929, 65.8276, 81.4534 by changing the saturation by 10% instead.

■ 60.7929, 65.8276,
81.4534

■ 60.7929, 65.8276,
81.4534

417.3023,
445.7601, 519.6529

■ 44.3100, 48.1325,
60.3819

105.0788,
113.2389, 137.2370

■ 31.1132, 33.9318,
43.2992

133.6125,
143.7238, 172.7862

■ 20.8373, 22.8412,
29.7868

166.8938,
179.2407, 213.9984

■ 13.1169, 14.4763,
19.4262

205.2881,
220.1741, 261.2921

■ 7.5867, 8.4527,
11.7987

249.1608,
266.9084, 315.0858

■ 3.8812, 4.3859,
6.4859

298.8771,

■ 1.6351, 1.8917,

319.8278, 375.7982

3.0692

354.8025,
379.3169, 443.8477

■ 0.4151, 0.5434,
1.1301

■ 0.0000, 0.0000,
0.0000

■ 60.7929, 65.8276,
81.4534

■ 60.7929, 65.8276,
81.4534

■ 53.2954, 58.9113,
80.5146

■ 69.2866, 73.4196,
82.4722

■ 46.7472, 52.6389,
79.6491

■ 78.8093, 81.7011,
83.5688

■ 41.1063, 46.9881,
78.8557

■ 86.0861, 88.9880,
84.5917

■ 36.3248, 41.9319,
78.1317

■ 88.5791, 93.9739,
85.4227

■ 32.3504, 37.4407,
77.4743

■ 90.7277, 98.2711,
86.1389

■ 29.1242, 33.4817,
76.8802

■ 26.5787, 30.0174,
76.3457

■ 24.6323, 27.0030,
75.8664

■ 23.5734, 25.1826,
75.5708

Harmonies

Analogous

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



59.4347, 65.8276, 77.3642



60.7929, 65.8276, 81.4534



62.6508, 65.8276, 82.8888

Triad

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



60.7929, 65.8276, 81.4534



66.3691, 65.8276, 71.4359



60.6509, 65.8276, 62.9317

Complementary

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



60.7929, 65.8276, 81.4534



63.6412, 64.7799, 61.3755

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.



62.4836, 65.8276, 61.5212



60.7929, 65.8276, 81.4534



65.8078, 65.8276, 66.2719

Square

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



60.7929, 65.8276, 81.4534



65.8943, 65.8276, 76.9286



64.3756, 65.8276, 62.7124



59.3540, 65.8276, 66.6663

Rectangle

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



60.7929, 65.8276, 81.4534



63.9304, 65.8276, 82.0919



64.3756, 65.8276, 62.7124



61.2235, 65.8276, 62.1790

Sweetspot

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



60.7948, 65.8303, 81.4549



90.2152, 95.7540, 108.3353



61.1640, 70.6103, 69.1183



19.1204, 20.3279, 23.1659



0.0000, 0.0000, 0.0000



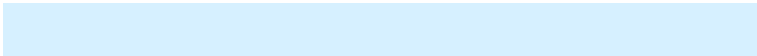
20.3446, 21.4041, 23.3091

Same Dimension

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



60.7948, 65.8303, 81.4549



77.0129, 83.8922, 106.7415



57.2640, 58.7687, 80.2779



13.6721, 14.6834, 17.5013



13.5653, 14.6002, 43.1515



1.0248, 1.1810, 3.0192

Inverse Universe

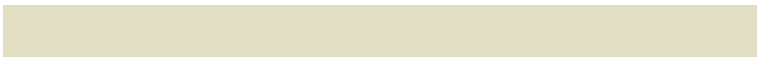
The Inverse Universe completely reimagines the original color for something new.



63.3713, 60.5564, 72.6416



81.0719, 75.7483, 92.8201



67.3177, 72.1328, 62.6010



14.0707, 13.8459, 16.1426



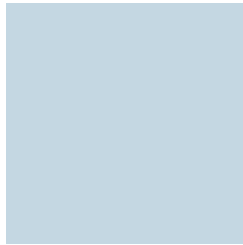
20.7873, 10.3819, 16.0778



1.4835, 0.7367, 1.3390

Previews

White Background



This preview shows how the XYZ color 60.7929, 65.8276, 81.4534 looks on a white background.

Color Contrast Check

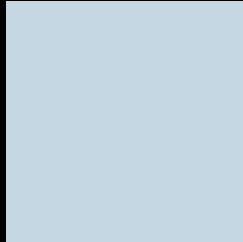
Large Text (above 18pt) WCAG AA × Fail

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 60.7929, 65.8276, 81.4534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

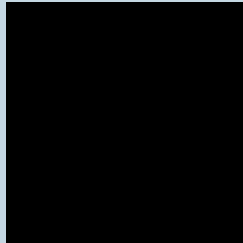
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

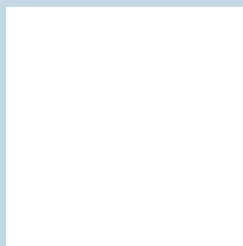
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.7929, 65.8276, 81.4534

Background



This preview shows how black text looks on a background with the XYZ color 60.7929, 65.8276, 81.4534.



This preview shows how white text looks on a background with the XYZ color 60.7929, 65.8276,

81.4534.

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

60.7929, 65.8276, 81.4534

Protanopia

63.5173, 65.4179, 79.0912

Deuteranopia

67.1262, 65.7516, 82.5522



Tritanopia

61.4963, 65.7330, 85.0478

Trichromacy



Original Color

60.7929, 65.8276, 81.4534

Protanomaly

62.4516, 65.5906, 79.8897

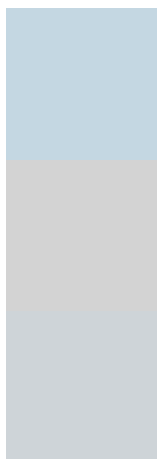
Deuteranomaly

64.3971, 65.4431, 81.9107

Tritanomaly

61.2154, 65.6206, 83.5684

Monochromacy



Original Color

60.7929, 65.8276, 81.4534

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.3918, 65.1666, 74.3085

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.7929, 65.8276, 81.4534 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(196, 215, 226)` looks like.

```
.text, #text, p{  
    color:rgb(196, 215, 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(196, 215, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 215, 226) }
```

Border

The CSS property to change the border of an element to XYZ 60.7929, 65.8276, 81.4534 is called "border". The border property can be set on classes, ids or directly on the HTML element.

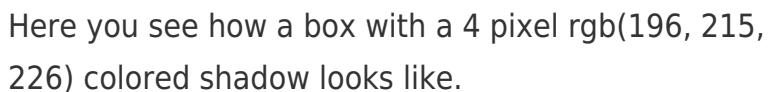
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 215, 226) }
```


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

```
.border{ border-color:rgb(196, 215, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 215, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 215, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 215, 226);  
box-shadow:4px 4px 4px 4px rgb(196, 215,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 60.7929, 65.8276, 81.4534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 215, 226) }
```

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

```
.background{ background-color: rgb(196,  
215, 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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