

Converting Colors

XYZ(60.7527, 65.5247, 82.6185)

Have a look what the booklet for
XYZ(60.7527, 65.5247, 82.6185)
contains.

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Color

**XYZ(60.8151, 65.4303,
82.8228)**

Conversions

Conversions Part 1

Format	Color
Hex	C4D6E4
RGB	196, 214, 228
RGB Percent	77%, 84%, 89%
CMY	0.2314, 0.1608, 0.1059
CMYK	0.14, 0.06, 0.00, 0.11
HSL	206°, 37%, 83%
HSV	206°, 14%, 89%
XYZ	60.8151, 65.4303, 82.8228
YIQ	210.2140, -15.2220, 0.5380

Conversions

Conversions Part 2

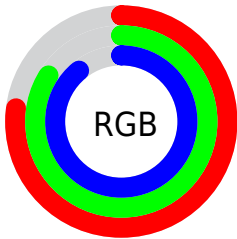
Format	Color
R_{YB}	196, 208, 228
Decimal	12900068
CIE _{Lab}	84.70, -3.22, -8.94
CIE _{LCh}	85, 9.502, 250.182
Yxy	65.4303, 0.2909, 0.3130
Android (android.graphics.Color)	4291090148 (0xFFC4D6E4)
YUV	210.2140, 8.7685, -12.4657
Hunter-Lab	80.8890, -7.3534, -4.0851

Details

The XYZ color **60.8151, 65.4303, 82.8228** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.0058, 66.5725, 61.6495**, and the grayscale version is **61.3520, 64.5471, 70.2918**.

A 20% lighter version of the original color is **94.3180, 99.6226, 108.8657**, and **31.0963, 33.5642, 44.3747** is the 20% darker color. If you saturate the color by 10%, you get **52.8824, 57.7095, 81.7517**, and if you desaturate by 10%, it is **69.8074, 73.9302, 83.9905**.

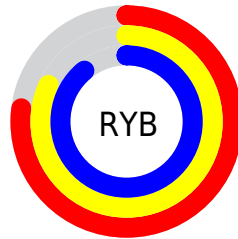
Distribution



Red (77%)

Green (84%)

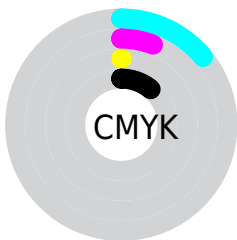
Blue (89%)



Red (77%)

Yellow (82%)

Blue (89%)

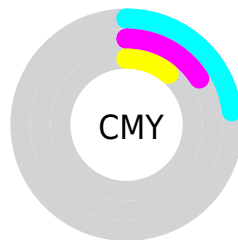


Cyan (14%)

Magenta (6%)

Yellow (0%)

Black (11%)



Cyan (23%)

Magenta (16%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.8151, 65.4303, 82.8228 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 60.8151, 65.4303, 82.8228 by changing the saturation by 10% instead.

■ 60.8151, 65.4303,
82.8228

■ 60.8151, 65.4303,
82.8228

417.3825,
444.3367, 524.3513

■ 44.3279, 47.8101,
61.5042

105.1108,
112.6683, 139.1743

■ 31.1274, 33.6765,
44.1990

133.6500,
143.0548, 175.0442

■ 20.8482, 22.6452,
30.4887

166.9374,
178.4656, 216.6017

■ 13.1249, 14.3317,
19.9546

205.3381,
219.2850, 264.2653

■ 7.5922, 8.3518,
12.1783

249.2176,
265.8974, 318.4535

■ 3.8847, 4.3208,
6.7412

298.9413,

■ 1.6371, 1.8546,

318.6872, 379.5849

3.2248

354.8745,
378.0388, 448.0780

■ 0.4164, 0.5209,
1.2105

■ 0.0000, 0.0000,
0.0000

■ 60.8151, 65.4303,
82.8228

■ 60.8151, 65.4303,
82.8228

■ 52.8824, 57.7095,
81.7517

■ 69.8074, 73.9302,
83.9905

■ 45.9604, 50.7333,
80.7700

■ 79.8942, 83.2260,
85.2532

■ 40.0043, 44.4764,
79.8762

■ 87.5715, 91.5170,
86.4489

■ 34.9640, 38.9083,
79.0671

■ 90.6529, 97.6796,
87.4760

■ 30.7840, 33.9962,
78.3393

■ 91.0038, 98.3815,
87.5929

■ 27.4024, 29.7036,
77.6889

■ 24.7480, 25.9889,
77.1118

■ 22.7343, 22.8028,
76.6030

■ 21.7583, 21.1106,
76.3278

Harmonies

Analogous

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



59.1211, 65.4303, 79.0591



60.8151, 65.4303, 82.8228



62.9143, 65.4303, 83.3863

Triad

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



60.8151, 65.4303, 82.8228



66.2966, 65.4303, 69.1947



59.5914, 65.4303, 62.6745

Complementary

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



60.8151, 65.4303, 82.8228



65.0058, 66.5725, 61.6495

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.



61.4704, 65.4303, 60.3389



60.8151, 65.4303, 82.8228



65.3623, 65.4303, 63.9589

Square

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



60.8151, 65.4303, 82.8228



66.1115, 65.4303, 75.2822



63.5845, 65.4303, 60.7953



58.4258, 65.4303, 67.3500

Rectangle

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



60.8151, 65.4303, 82.8228



64.2655, 65.4303, 81.8395



63.5845, 65.4303, 60.7953



60.1587, 65.4303, 61.6021

Sweetspot

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



60.8170, 65.4330, 82.8243



89.9896, 95.3028, 108.2601



62.1258, 71.8702, 71.4849



19.0633, 20.2137, 23.1468



0.0000, 0.0000, 0.0000



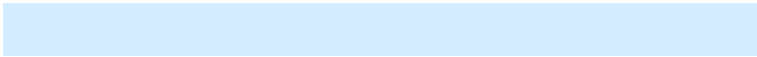
20.3446, 21.4041, 23.3091

Same Dimension

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



60.8170, 65.4330, 82.8243



75.1070, 81.1780, 106.3181



56.9944, 57.7877, 81.5500



14.2522, 15.2257, 18.3320



12.6839, 12.4300, 44.1139



1.0294, 1.1027, 3.2906

Inverse Universe

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



63.8740, 60.8303, 71.9963



79.8420, 74.2305, 89.5058



69.1199, 74.8009, 63.0208



14.7149, 14.5031, 16.6989



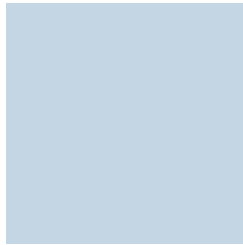
20.7958, 10.4525, 13.0854



1.5832, 0.7910, 1.2118

Previews

White Background



This preview shows how the XYZ color 60.8151, 65.4303, 82.8228 looks on a white background.

Color Contrast Check

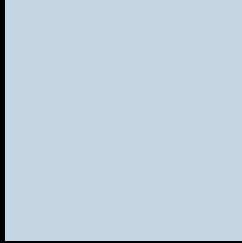
Large Text (above 18pt) WCAG AA × Fail

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 60.8151, 65.4303, 82.8228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

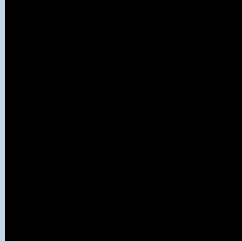
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

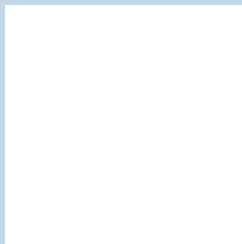
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.8151, 65.4303, 82.8228

Background



This preview shows how black text looks on a background with the XYZ color 60.8151, 65.4303, 82.8228.

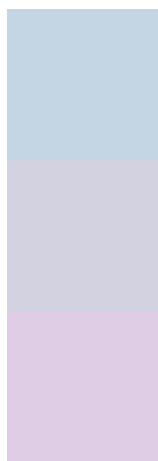


This preview shows how white text looks on a background with the XYZ color 60.8151, 65.4303,

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

60.8151, 65.4303, 82.8228

Protanopia

63.5012, 65.3783, 80.5066

Deuteranopia

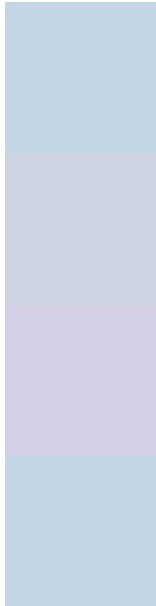
66.5457, 65.0638, 83.9141



Tritanopia

61.2353, 65.5984, 85.0356

Trichromacy



Original Color

60.8151, 65.4303, 82.8228

Protanomaly

62.4753, 65.2013, 81.2438

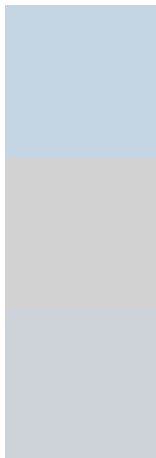
Deuteranomaly

64.1393, 64.9150, 83.2781

Tritanomaly

61.0944, 65.5421, 84.2938

Monochromacy



Original Color

60.8151, 65.4303, 82.8228

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

60.9955, 64.5774, 74.8955

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8151, 65.4303, 82.8228 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, 214, 228) looks like.

```
.text, #text, p{  
    color:rgb(196, 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(196, 214, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 214, 228) }
```

Border

The CSS property to change the border of an element to XYZ 60.8151, 65.4303, 82.8228 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, 214, 228) }
```


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

```
.border{ border-color:rgb(196, 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(196, 214, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 214, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 214, 228);  
box-shadow:4px 4px 4px 4px rgb(196, 214,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8151, 65.4303, 82.8228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 214, 228) }
```

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

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