

Converting Colors

XYZ(60.2406, 63.9058, 81.3429)

Have a look what the booklet for
XYZ(60.2406, 63.9058, 81.3429)
contains.

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Color

**XYZ(60.3104, 64.0853,
81.1425)**

Conversions

Conversions Part 1

Format	Color
Hex	C6D3E2
RGB	198, 211, 226
RGB Percent	78%, 83%, 89%
CMY	0.2235, 0.1725, 0.1137
CMYK	0.12, 0.07, 0.00, 0.11
HSL	212°, 33%, 83%
HSV	212°, 12%, 89%
XYZ	60.3104, 64.0853, 81.1425
YIQ	208.8230, -12.5630, 1.9090

Conversions

Conversions Part 2

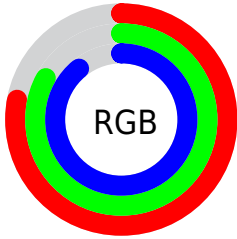
Format	Color
R _Y B	198, 207, 226
Decimal	13030370
CIE Lab	84.01, -1.42, -8.89
CIE LCh	84, 9.007, 260.917
Yxy	64.0853, 0.2934, 0.3118
Android (android.graphics.Color)	4291220450 (0xFFC6D3E2)
YUV	208.8230, 8.4683, -9.4918
Hunter-Lab	80.0533, -5.6153, -4.0594

Details

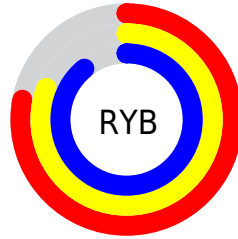
The XYZ color **60.3104, 64.0853, 81.1425** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.3516, 67.8340, 63.0760**, and the grayscale version is **60.4430, 63.5907, 69.2503**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.9093, 32.9835, 43.2654** is the 20% darker color. If you saturate the color by 10%, you get **51.8976, 55.4525, 79.9206**, and if you desaturate by 10%, it is **69.8423, 73.6347, 82.4843**.

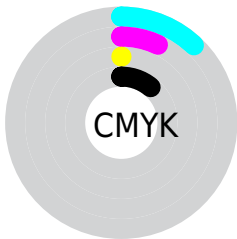
Distribution



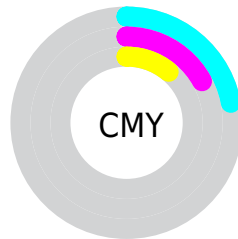
- Red (78%)
- Green (83%)
- Blue (89%)



- Red (78%)
- Yellow (81%)
- Blue (89%)



- Cyan (12%)
- Magenta (7%)
- Yellow (0%)
- Black (11%)



- Cyan (22%)
- Magenta (17%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.3104, 64.0853, 81.1425 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 60.3104, 64.0853, 81.1425 by changing the saturation by 10% instead.

■ 60.3104, 64.0853,
81.1425

■ 60.3104, 64.0853,
81.1425

415.5574,
439.4976, 518.5828

■ 43.9193, 46.7198,
60.1273

104.3836,
110.7338, 136.7967

■ 30.8047, 32.8142,
43.0953

132.7964,
140.7855, 172.2728

■ 20.6013, 21.9841,
29.6279

165.9471,
175.8347, 213.4062

■ 12.9437, 13.8452,
19.3067

204.2012,
216.2659, 260.6156

■ 7.4665, 8.0131,
11.7130

247.9239,
262.4634, 314.3193

■ 3.8044, 4.1033,
6.4284

297.4805,

■ 1.5921, 1.7315,

314.8116, 374.9361

3.0343

353.2366,
373.6948, 442.8844

■ 0.3872, 0.4439,
1.1122

■ 0.0000, 0.0000,
0.0000

■ 60.3104, 64.0853,
81.1425

■ 60.3104, 64.0853,
81.1425

■ 51.8976, 55.4525,
79.9206

■ 69.8423, 73.6347,
82.4843

■ 44.5540, 47.6980,
78.8109

■ 80.5293, 84.1211,
83.9452

■ 38.2343, 40.7925,
77.8111

■ 88.3260, 93.4677,
85.3383

■ 32.8874, 34.7019,
76.9173

■ 90.7277, 98.2711,
86.1389

■ 28.4574, 29.3891,
76.1253

■ 24.8821, 24.8134,
75.4306

■ 22.0907, 20.9296,
74.8280

■ 19.9986, 17.6845,
74.3119

■ 18.7746, 15.5850,
73.9712

Harmonies

Analogous

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



58.5356, 64.0853, 78.6150



60.3104, 64.0853, 81.1425



62.2845, 64.0853, 80.4989

Triad

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



60.3104, 64.0853, 81.1425



64.5478, 64.0853, 65.9463



57.9951, 64.0853, 63.1086

Complementary

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



60.3104, 64.0853, 81.1425



65.3516, 67.8340, 63.0760

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.



59.5581, 64.0853, 60.0539



60.3104, 64.0853, 81.1425



63.3502, 64.0853, 61.6293

Square

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



60.3104, 64.0853, 81.1425



64.7598, 64.0853, 71.5185



61.5159, 64.0853, 59.5275



57.2181, 64.0853, 68.0660

Rectangle

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



60.3104, 64.0853, 81.1425



63.4463, 64.0853, 78.3716



61.5159, 64.0853, 59.5275



58.4444, 64.0853, 61.8367

Sweetspot

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



60.3123, 64.0880, 81.1439



89.6783, 94.6803, 108.1563



62.4879, 71.2003, 73.3571



18.9845, 20.0561, 23.1206



0.0000, 0.0000, 0.0000



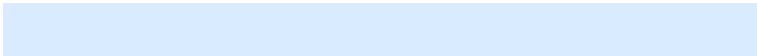
20.3446, 21.4041, 23.3091

Same Dimension

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



60.3123, 64.0880, 81.1439



76.1602, 81.0717, 106.2421



57.4581, 58.0133, 80.1218



13.4741, 14.2872, 17.4352



10.8271, 9.1237, 42.2388



0.8394, 0.8103, 2.9574

Inverse Universe

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



63.3174, 61.2614, 70.1186



80.9136, 76.7270, 88.7742



68.4626, 74.4893, 64.1967



13.9708, 13.8059, 15.6162



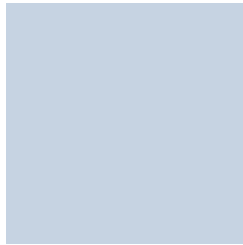
19.4052, 9.8291, 8.7995



1.3899, 0.6993, 0.8463

Previews

White Background



This preview shows how the XYZ color 60.3104, 64.0853, 81.1425 looks on a white background.

Color Contrast Check

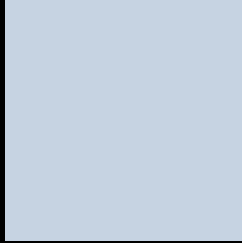
Large Text (above 18pt) WCAG AA × Fail

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 60.3104, 64.0853, 81.1425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

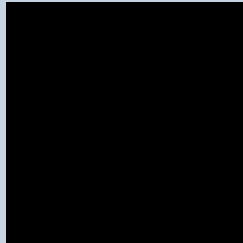
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

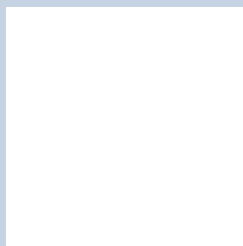
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.3104, 64.0853, 81.1425

Background



This preview shows how black text looks on a background with the XYZ color 60.3104, 64.0853, 81.1425.

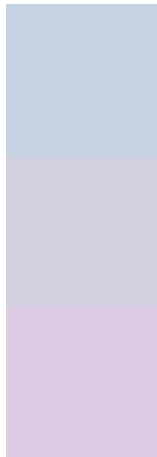


This preview shows how white text looks on a background with the XYZ color 60.3104, 64.0853,

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

60.3104, 64.0853, 81.1425

Protanopia

62.3049, 64.0489, 79.5999

Deuteranopia

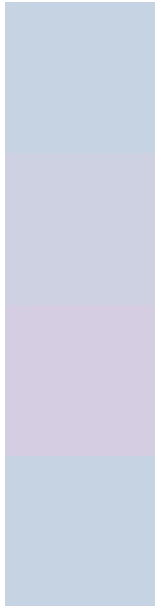
65.1783, 63.6855, 82.2560



Tritanopia

60.4481, 64.1403, 81.8674

Trichromacy



Original Color

60.3104, 64.0853, 81.1425

Protanomaly

61.5679, 64.0163, 80.3456

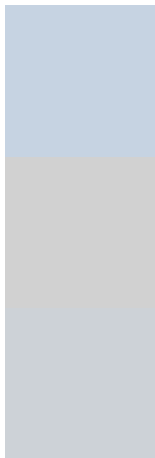
Deuteranomaly

63.3770, 63.8348, 81.6541

Tritanomaly

60.4481, 64.1403, 81.8674

Monochromacy



Original Color

60.3104, 64.0853, 81.1425

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.4892, 63.9786, 73.4510

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.3104, 64.0853, 81.1425 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(198, 211, 226) looks like.

```
.text, #text, p{  
    color:rgb(198, 211, 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(198, 211, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 211, 226) }
```

Border

The CSS property to change the border of an element to XYZ 60.3104, 64.0853, 81.1425 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(198, 211, 226) }
```


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

```
.border{ border-color:rgb(198, 211, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 211, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 211, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 211, 226);  
box-shadow:4px 4px 4px 4px rgb(198, 211,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 60.3104, 64.0853, 81.1425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 211, 226) }
```

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

```
.background{ background-color: rgb(198,  
211, 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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