

Converting Colors

XYZ(60.1854, 64.0049, 81.8551)

Have a look what the booklet for
XYZ(60.1854, 64.0049, 81.8551)
contains.

XYZ(60.1854, 64.0049, 81.8551)	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(60.1854, 64.0049,
81.8551)**

Conversions

Conversions Part 1

Format	Color
Hex	C5D3E3
RGB	197, 211, 227
RGB Percent	77%, 83%, 89%
CMY	0.2274, 0.1725, 0.1098
CMYK	0.13, 0.07, 0.00, 0.11
HSL	212°, 35%, 83%
HSV	212°, 13%, 89%
XYZ	60.1854, 64.0049, 81.8551
YIQ	208.6380, -13.4800, 2.0080

Conversions

Conversions Part 2

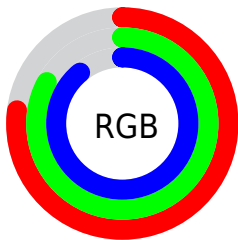
Format	Color
R_{YB}	197, 207, 227
Decimal	12964835
CIE Lab	83.97, -1.54, -9.50
CIE LCh	84, 9.620, 260.796
Yxy	64.0049, 0.2921, 0.3106
Android (android.graphics.Color)	4291154915 (0xFFC5D3E3)
YUV	208.6380, 9.0525, -10.2065
Hunter-Lab	80.0031, -5.7218, -4.6604

Details

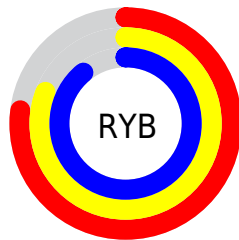
The XYZ color **60.1854, 64.0049, 81.8551** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.5513, 67.9505, 62.4856**, and the grayscale version is **60.3193, 63.4606, 69.1086**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **30.8311, 32.9321, 43.7613** is the 20% darker color. If you saturate the color by 10%, you get **51.7887, 55.3803, 80.6340**, and if you desaturate by 10%, it is **69.7074, 73.5492, 83.1965**.

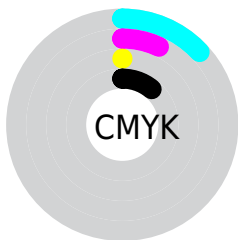
Distribution



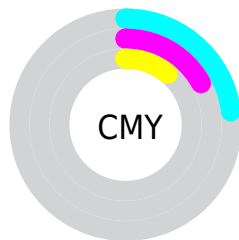
- Red (77%)
- Green (83%)
- Blue (89%)



- Red (77%)
- Yellow (81%)
- Blue (89%)



- Cyan (13%)
- Magenta (7%)
- Yellow (0%)
- Black (11%)



- Cyan (23%)
- Magenta (17%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.1854, 64.0049, 81.8551 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 60.1854, 64.0049, 81.8551 by changing the saturation by 10% instead.

■ 60.1854, 64.0049,
81.8551

■ 60.1854, 64.0049,
81.8551

415.1046,
439.2073, 521.0336

■ 43.8181, 46.6546,
60.7110

104.2034,
110.6180, 137.8056

■ 30.7248, 32.7627,
43.5629

132.5848,
140.6496, 173.4492

■ 20.5402, 21.9447,
29.9924

165.7016,
175.6772, 214.7629

■ 12.8989, 13.8163,
19.5808

203.9192,
216.0850, 262.1653

■ 7.4355, 7.9930,
11.9097

247.6030,
262.2575, 316.0751

■ 3.7846, 4.0905,
6.5604

297.1182,

■ 1.5810, 1.7243,

314.5792, 376.9107

3.1145

352.8303,
373.4343, 445.0907

■ 0.3800, 0.4393,
1.1534

■ 0.0000, 0.0000,
0.0000

■ 60.1854, 64.0049,
81.8551

■ 60.1854, 64.0049,
81.8551

■ 51.7887, 55.3803,
80.6340

■ 69.7074, 73.5492,
83.1965

■ 44.4667, 47.6370,
79.5253

■ 80.3913, 84.0340,
84.6571

■ 38.1735, 40.7452,
78.5267

■ 88.4636, 93.5227,
86.0632

■ 32.8569, 34.6702,
77.6343

■ 90.8653, 98.3261,
86.8638

■ 28.4603, 29.3746,
76.8439

■ 24.9202, 24.8171,
76.1508

■ 22.1640, 20.9514,
75.5499

■ 20.1051, 17.7234,
75.0353

■ 19.0146, 15.8448,
74.7302

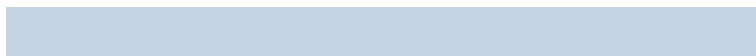
Harmonies

Analogous

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



58.2956, 64.0049, 79.1292



60.1854, 64.0049, 81.8551



62.2928, 64.0049, 81.1779

Triad

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



60.1854, 64.0049, 81.8551



64.7237, 64.0049, 65.6291



57.7318, 64.0049, 62.5721

Complementary

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



60.1854, 64.0049, 81.8551



65.5513, 67.9505, 62.4856

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.



59.3996, 64.0049, 59.3413



60.1854, 64.0049, 81.8551



63.4466, 64.0049, 61.0338

Square

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



60.1854, 64.0049, 81.8551



64.9459, 64.0049, 71.5735



61.4887, 64.0049, 58.7950



56.9008, 64.0049, 67.8408

Rectangle

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



60.1854, 64.0049, 81.8551



63.5358, 64.0049, 78.9025



61.4887, 64.0049, 58.7950



58.2113, 64.0049, 61.2249

Sweetspot

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



60.1873, 64.0076, 81.8565



89.6858, 94.6952, 108.1588



62.4431, 71.5884, 73.1466



18.9864, 20.0599, 23.1212



0.0000, 0.0000, 0.0000



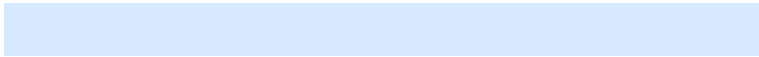
20.3446, 21.4041, 23.3091

Same Dimension

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



60.1873, 64.0076, 81.8565



75.0479, 79.9621, 106.0865



56.9898, 57.4179, 80.7531



14.1346, 14.9906, 18.2928



11.2037, 9.4695, 43.6205



0.9202, 0.8843, 3.2541

Inverse Universe

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



63.4042, 60.9681, 70.0573



80.0800, 75.3516, 87.5970



69.0693, 75.2202, 63.7033



14.6555, 14.4794, 16.3865



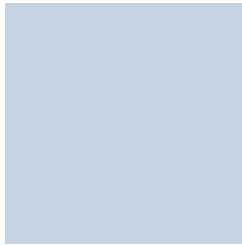
20.0486, 10.1537, 9.1509



1.5281, 0.7689, 0.9214

Previews

White Background



This preview shows how the XYZ color 60.1854, 64.0049, 81.8551 looks on a white background.

Color Contrast Check

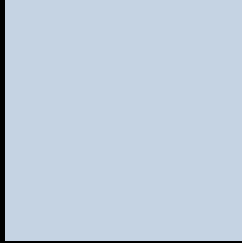
Large Text (above 18pt) WCAG AA × Fail

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 60.1854, 64.0049, 81.8551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

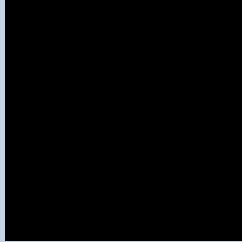
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

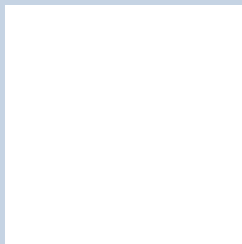
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.1854, 64.0049, 81.8551

Background



This preview shows how black text looks on a background with the XYZ color 60.1854, 64.0049, 81.8551.



This preview shows how white text looks on a background with the XYZ color 60.1854, 64.0049,

81.8551.

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

60.1854, 64.0049, 81.8551

Protanopia

62.1589, 63.9579, 80.3031

Deuteranopia

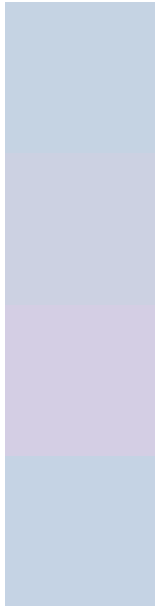
65.3176, 63.7412, 82.9894



Tritanopia

60.3238, 64.0603, 82.5843

Trichromacy



Original Color

60.1854, 64.0049, 81.8551

Protanomaly

61.4298, 63.9293, 81.0534

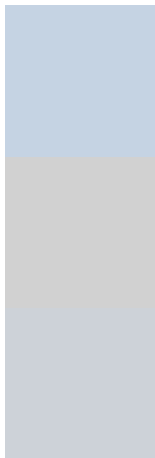
Deuteranomaly

63.2263, 63.7411, 82.3697

Tritanomaly

60.3238, 64.0603, 82.5843

Monochromacy



Original Color

60.1854, 64.0049, 81.8551

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.6181, 64.0302, 74.1299

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.1854, 64.0049, 81.8551 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, 211, 227)` looks like.

```
.text, #text, p{  
    color:rgb(197, 211, 227)  
}
```

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, 211, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 211, 227) }
```

Border

The CSS property to change the border of an element to XYZ 60.1854, 64.0049, 81.8551 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, 211, 227) }
```


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

```
.border{ border-color:rgb(197, 211, 227) }
```

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

Here you see how a box with a 4 pixel rgb(197, 211, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 211, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 211, 227);  
box-shadow:4px 4px 4px 4px rgb(197, 211,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1854, 64.0049, 81.8551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 211, 227) }
```

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

```
.background{ background-color: rgb(197,  
211, 227) }
```

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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