

Converting Colors

XYZ(60.8579, 64.0608, 81.8987)

Have a look what the booklet for
XYZ(60.8579, 64.0608, 81.8987)
contains.

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Color

**XYZ(60.7311, 63.9186,
81.8097)**

Conversions

Conversions Part 1

Format	Color
Hex	C8D2E3
RGB	200, 210, 227
RGB Percent	78%, 82%, 89%
CMY	0.2157, 0.1765, 0.1098
CMYK	0.12, 0.07, 0.00, 0.11
HSL	218°, 33%, 84%
HSV	218°, 12%, 89%
XYZ	60.7311, 63.9186, 81.8097
YIQ	208.9480, -11.4170, 3.1670

Conversions

Conversions Part 2

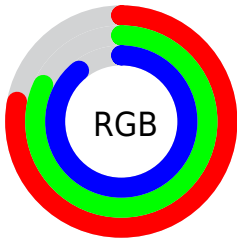
Format	Color
R _Y B	200, 207, 227
Decimal	13161187
CIE Lab	83.92, -0.05, -9.54
CIE LCh	84, 9.540, 269.693
Yxy	63.9186, 0.2942, 0.3096
Android (android.graphics.Color)	4291351267 (0xFFC8D2E3)
YUV	208.9480, 8.8996, -7.8474
Hunter-Lab	79.9491, -4.3184, -4.7054

Details

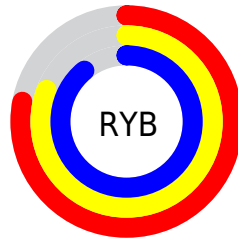
The XYZ color **60.7311, 63.9186, 81.8097** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.9170, 70.1262, 64.6535**, and the grayscale version is **60.5211, 63.6729, 69.3398**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.1889, 32.8665, 43.7298** is the 20% darker color. If you saturate the color by 10%, you get **51.7412, 54.2800, 80.4241**, and if you desaturate by 10%, it is **70.9399, 74.6567, 83.3453**.

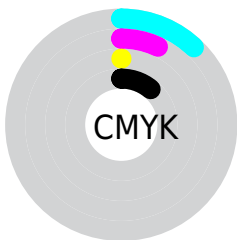
Distribution



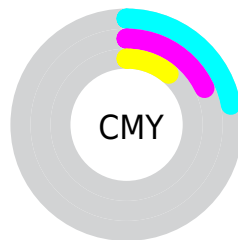
- Red (78%)
- Green (82%)
- Blue (89%)



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



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



- Cyan (22%)
- Magenta (18%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.7311, 63.9186, 81.8097 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 60.7311, 63.9186, 81.8097 by changing the saturation by 10% instead.

■ 60.7311, 63.9186,
81.8097

■ 60.7311, 63.9186,
81.8097

417.0791,
438.8956, 520.8777

■ 44.2599, 46.5847,
60.6738

104.9898,
110.4937, 137.7414

■ 31.0737, 32.7075,
43.5331

133.5080,
140.5037, 173.3742

■ 20.8071, 21.9025,
29.9691

166.7727,
175.5080, 214.6765

■ 13.0947, 13.7853,
19.5633

205.1490,
215.8908, 262.0667

■ 7.5712, 7.9715,
11.8971

249.0025,
262.0365, 315.9634

■ 3.8713, 4.0767,
6.5520

298.6984,

■ 1.6296, 1.7166,

314.3297, 376.7851

3.1094

354.6022,
373.1546, 444.9503

■ 0.4116, 0.4343,
1.1507

■ 0.0000, 0.0000,
0.0000

■ 60.7311, 63.9186,
81.8097

■ 60.7311, 63.9186,
81.8097

■ 51.7412, 54.2800,
80.4241

■ 70.9399, 74.6567,
83.3453

■ 43.9169, 45.6960,
79.1796

■ 82.4071, 86.5212,
85.0310

■ 37.2090, 38.1305,
78.0728

■ 90.1911, 96.9778,
86.6391

■ 31.5626, 31.5417,
77.0987

■ 90.8653, 98.3261,
86.8638

■ 26.9176, 25.8849,
76.2516

■ 23.2076, 21.1111,
75.5257

■ 20.3569, 17.1659,
74.9145

■ 18.2764, 13.9868,
74.4105

■ 17.0435, 11.9024,
74.0732

Harmonies

Analogous

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



58.7383, 63.9186, 80.0626



60.7311, 63.9186, 81.8097



62.7744, 63.9186, 80.1306

Triad

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



60.7311, 63.9186, 81.8097



64.3274, 63.9186, 64.0251



57.3337, 63.9186, 63.9238

Complementary

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



60.7311, 63.9186, 81.8097



66.9170, 70.1262, 64.6535

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.



58.7749, 63.9186, 60.0286



60.7311, 63.9186, 81.8097



62.8127, 63.9186, 60.0847

Square

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



60.7311, 63.9186, 81.8097



64.8796, 63.9186, 69.6584



60.7743, 63.9186, 58.6636



56.8046, 63.9186, 69.5346

Rectangle

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



60.7311, 63.9186, 81.8097



63.8835, 63.9186, 77.3464



60.7743, 63.9186, 58.6636



57.7259, 63.9186, 62.3824

Sweetspot

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



60.7330, 63.9213, 81.8111



89.3821, 94.0879, 108.0576



63.7685, 72.2102, 75.9853



18.9096, 19.9064, 23.0956



0.0000, 0.0000, 0.0000



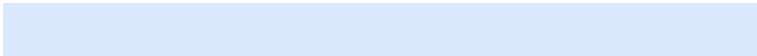
20.3446, 21.4041, 23.3091

Same Dimension

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



60.7330, 63.9213, 81.8111



76.3588, 80.3366, 106.0897



59.1900, 59.5733, 81.0532



14.0180, 14.7574, 18.2540



10.0421, 7.1463, 43.2333



0.8286, 0.7012, 3.2236

Inverse Universe

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



63.9671, 62.2939, 69.6284



81.2902, 77.9359, 87.4952



68.5894, 74.9327, 65.4931



14.5967, 14.4559, 16.0765



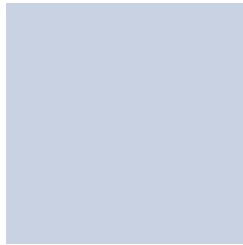
19.4623, 9.9191, 6.0634



1.4819, 0.7505, 0.6781

Previews

White Background



This preview shows how the XYZ color 60.7311, 63.9186, 81.8097 looks on a white background.

Color Contrast Check

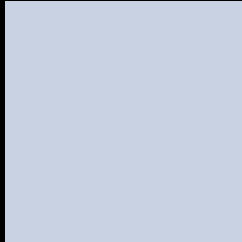
Large Text (above 18pt) WCAG AA × Fail

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 60.7311, 63.9186, 81.8097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

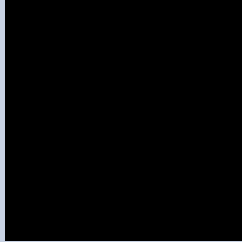
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.7311, 63.9186, 81.8097

Background



This preview shows how black text looks on a background with the XYZ color 60.7311, 63.9186, 81.8097.



This preview shows how white text looks on a background with the XYZ color 60.7311, 63.9186,

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

60.7311, 63.9186, 81.8097

Protanopia

62.2958, 64.0126, 81.0238

Deuteranopia

65.1783, 63.6855, 82.2560



Tritanopia

60.7311, 63.9186, 81.8097

Trichromacy



Original Color

60.7311, 63.9186, 81.8097

Protanomaly

61.7048, 64.0711, 81.0663

Deuteranomaly

63.5155, 63.8902, 82.3832

Tritanomaly

60.7311, 63.9186, 81.8097

Monochromacy



Original Color

60.7311, 63.9186, 81.8097

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.6487, 63.6806, 74.0608

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.7311, 63.9186, 81.8097 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(200, 210, 227) looks like.

```
.text, #text, p{  
    color:rgb(200, 210, 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(200, 210, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 210, 227) }
```

Border

The CSS property to change the border of an element to XYZ 60.7311, 63.9186, 81.8097 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(200, 210, 227) }
```


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

```
.border{ border-color:rgb(200, 210, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 210, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 210, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 210, 227);  
box-shadow:4px 4px 4px 4px rgb(200, 210,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 60.7311, 63.9186, 81.8097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 210, 227) }
```

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

```
.background{ background-color: rgb(200,  
210, 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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