

Converting Colors

XYZ(60.1187, 61.9124, 81.4186)

Have a look what the booklet for
XYZ(60.1187, 61.9124, 81.4186)
contains.

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Color

**XYZ(60.0536, 61.7653,
81.4298)**

Conversions

Conversions Part 1

Format	Color
Hex	CACDE3
RGB	202, 205, 227
RGB Percent	79%, 80%, 89%
CMY	0.2078, 0.1961, 0.1098
CMYK	0.11, 0.10, 0.00, 0.11
HSL	233°, 31%, 84%
HSV	233°, 11%, 89%
XYZ	60.0536, 61.7653, 81.4298
YIQ	206.6110, -8.8500, 6.2060

Conversions

Conversions Part 2

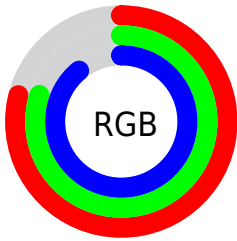
Format	Color
RYB	202, 205, 227
Decimal	13290979
CIELab	82.79, 3.23, -11.21
CIELCh	83, 11.671, 286.083
Yxy	61.7653, 0.2955, 0.3039
Android (android.graphics.Color)	4291481059 (0xFFCACDE3)
YUV	206.6110, 10.0518, -4.0438
Hunter-Lab	78.5909, -1.1370, -6.4181

Details

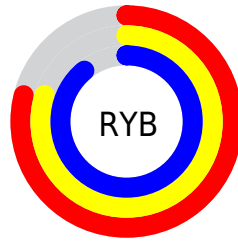
The XYZ color **60.0536, 61.7653, 81.4298** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.9952, 73.9060, 66.5072**, and the grayscale version is **59.0011, 62.0737, 67.5983**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.7257, 31.4077, 43.4726** is the 20% darker color. If you saturate the color by 10%, you get **49.8811, 49.8768, 79.6722**, and if you desaturate by 10%, it is **71.7432, 75.3445, 83.4357**.

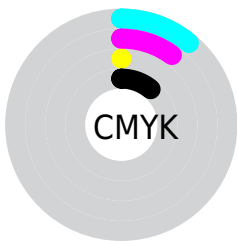
Distribution



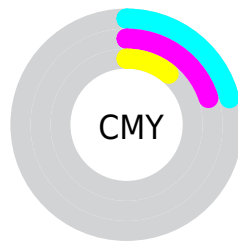
- Red (79%)
- Green (80%)
- Blue (89%)



- Red (79%)
- Yellow (80%)
- Blue (89%)



- Cyan (11%)
- Magenta (10%)
- Yellow (0%)
- Black (11%)



- Cyan (21%)
- Magenta (20%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.0536, 61.7653, 81.4298 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 60.0536, 61.7653, 81.4298 by changing the saturation by 10% instead.

■ 60.0536, 61.7653,
81.4298

■ 60.0536, 61.7653,
81.4298

414.6269,
431.0745, 519.5717

■ 43.7115, 44.8431,
60.3626

104.0133,
107.3863, 137.2036

■ 30.6407, 31.3338,
43.2837

132.3616,
136.8538, 172.7472

■ 20.4759, 20.8532,
29.7748

165.4427,
171.2719, 213.9534

■ 12.8517, 13.0167,
19.4171

203.6219,
211.0249, 261.2407

■ 7.4028, 7.4401,
11.7922

247.2645,
256.4973, 315.0277

■ 3.7638, 3.7388,
6.4815

296.7360,

■ 1.5694, 1.5286,

308.0734, 375.7328

3.0665

352.4017,
366.1377, 443.7746

■ 0.3723, 0.3087,
1.1287

■ 0.0000, 0.0000,
0.0000

■ 60.0536, 61.7653,
81.4298

■ 60.0536, 61.7653,
81.4298

■ 49.8811, 49.8768,
79.6722

■ 71.7432, 75.3445,
83.4357

■ 41.1579, 39.6053,
78.1494

■ 85.0029, 90.6691,
85.6948

■ 33.8194, 30.8829,
76.8526

■ 90.8653, 98.3261,
86.8638

■ 27.7939, 23.6340,
75.7710

■ 23.0030, 17.7765,
74.8929

■ 19.3601, 13.2203,
74.2054

■ 16.7671, 9.8644,
73.6943

■ 15.1087, 7.5924,
73.3432

■ 14.2634, 6.3423,
73.1465

Harmonies

Analogous

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



57.5527, 61.7653, 81.5836



60.0536, 61.7653, 81.4298



62.2526, 61.7653, 77.3042

Triad

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



60.0536, 61.7653, 81.4298



62.1184, 61.7653, 57.7764



54.1440, 61.7653, 63.9813

Complementary

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



60.0536, 61.7653, 81.4298



68.9952, 73.9060, 66.5072

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.



55.2969, 61.7653, 58.1112



60.0536, 61.7653, 81.4298



59.8748, 61.7653, 54.7053

Square

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



60.0536, 61.7653, 81.4298



63.4677, 61.7653, 63.4941



57.3788, 61.7653, 54.8233



54.1887, 61.7653, 71.1552

Rectangle

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



60.0536, 61.7653, 81.4298



63.2304, 61.7653, 73.0139



57.3788, 61.7653, 54.8233



54.4029, 61.7653, 61.8014

Sweetspot

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



60.0554, 61.7679, 81.4312



90.1815, 94.3581, 108.0676



65.2367, 72.8596, 80.9102



19.0308, 19.8813, 23.0844



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.



60.0554, 61.7679, 81.4312



75.2789, 77.0272, 105.5079



61.8986, 61.6619, 81.3136



13.7216, 14.1646, 18.1552



8.3625, 3.7871, 42.6734



0.6640, 0.3720, 3.1688

Inverse Universe

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



63.8200, 62.9811, 66.5535



81.0258, 78.9047, 82.7902



66.9945, 74.0833, 66.6469



14.4471, 14.3960, 15.2886



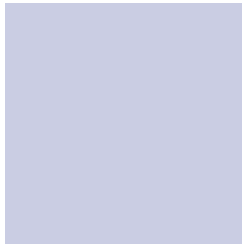
18.6145, 9.5800, 1.5991



1.3988, 0.7172, 0.2406

Previews

White Background



This preview shows how the XYZ color 60.0536, 61.7653, 81.4298 looks on a white background.

Color Contrast Check

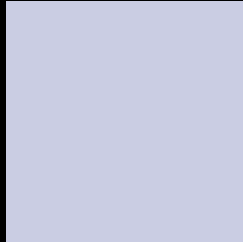
Large Text (above 18pt) WCAG AA × Fail

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 60.0536, 61.7653, 81.4298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

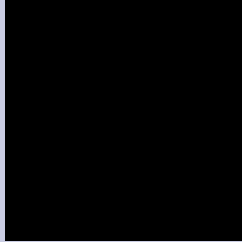
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.0536, 61.7653, 81.4298

Background



This preview shows how black text looks on a background with the XYZ color 60.0536, 61.7653, 81.4298.

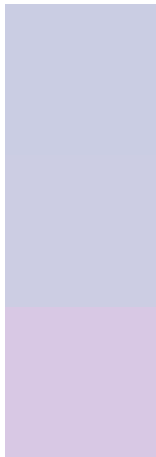


This preview shows how white text looks on a background with the XYZ color 60.0536, 61.7653,

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

60.0536, 61.7653, 81.4298

Protanopia

60.5983, 62.0461, 81.4553

Deuteranopia

62.9768, 61.5089, 81.9520



Tritanopia

59.3435, 61.8340, 77.9147

Trichromacy



Original Color

60.0536, 61.7653, 81.4298

Protanomaly

60.3251, 61.9052, 81.4425

Deuteranomaly

61.9881, 61.6914, 82.0393

Tritanomaly

59.6132, 61.9419, 79.3350

Monochromacy



Original Color

60.0536, 61.7653, 81.4298

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.3857, 61.9768, 72.4511

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.0536, 61.7653, 81.4298 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(202, 205, 227)` looks like.

```
.text, #text, p{  
    color:rgb(202, 205, 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(202, 205, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 205, 227) }
```

Border

The CSS property to change the border of an element to XYZ 60.0536, 61.7653, 81.4298 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(202, 205, 227) }
```


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

```
.border{ border-color:rgb(202, 205, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 205, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 205, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 205, 227);  
box-shadow:4px 4px 4px 4px rgb(202, 205,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 60.0536, 61.7653, 81.4298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 205, 227) }
```

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

```
.background{ background-color: rgb(202,  
205, 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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