

Converting Colors

XYZ(59.5454, 61.1493, 81.3377)

Have a look what the booklet for
XYZ(59.5454, 61.1493, 81.3377)
contains.

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Color

**XYZ(59.5454, 61.1493,
81.3377)**

Conversions

Conversions Part 1

Format	Color
Hex	C9CCE3
RGB	201, 204, 227
RGB Percent	79%, 80%, 89%
CMY	0.2118, 0.2000, 0.1098
CMYK	0.11, 0.10, 0.00, 0.11
HSL	233°, 32%, 84%
HSV	233°, 11%, 89%
XYZ	59.5454, 61.1493, 81.3377
YIQ	205.7250, -9.1710, 6.5170

Conversions

Conversions Part 2

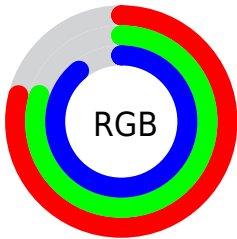
Format	Color
R _Y B	201, 204, 227
Decimal	13225187
CIE Lab	82.46, 3.44, -11.71
CIE LCh	82, 12.209, 286.366
Yxy	61.1493, 0.2947, 0.3027
Android (android.graphics.Color)	4291415267 (0xFFC9CCE3)
YUV	205.7250, 10.4886, -4.1438
Hunter-Lab	78.1980, -0.9242, -6.9319

Details

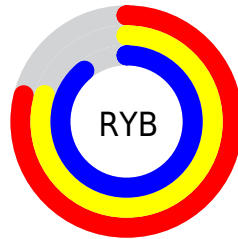
The XYZ color **59.5454, 61.1493, 81.3377** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.8771, 73.8589, 65.8855**, and the grayscale version is **58.4312, 61.4742, 66.9454**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.3854, 30.9943, 43.4107** is the 20% darker color. If you saturate the color by 10%, you get **49.4199, 49.2972, 79.5846**, and if you desaturate by 10%, it is **71.1916, 74.7019, 83.3408**.

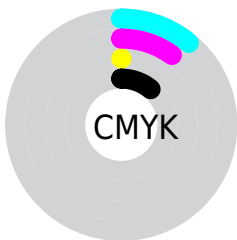
Distribution



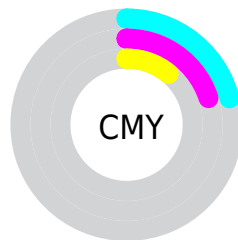
- Red (79%)
- Green (80%)
- Blue (89%)



- 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 59.5454, 61.1493, 81.3377 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 59.5454, 61.1493, 81.3377 by changing the saturation by 10% instead.

■ 59.5454, 61.1493,
81.3377

■ 59.5454, 61.1493,
81.3377

412.7817,
428.8212, 519.2548

■ 43.3004, 44.3457,
60.2871

103.2800,
106.4951, 137.0732

■ 30.3164, 30.9424,
43.2233

131.5004,
135.8060, 172.5952

■ 20.2281, 20.5550,
29.7277

164.4432,
170.0549, 213.7781

■ 12.6702, 12.7991,
19.3817

202.4738,
209.6260, 261.0404

■ 7.2773, 7.2903,
11.7668

245.9576,
254.9038, 314.8007

■ 3.6840, 3.6443,
6.4645

295.2600,

■ 1.5249, 1.4767,

306.2727, 375.4775

3.0562

350.7462,
364.1170, 443.4893

■ 0.3427, 0.2722,
1.1234

■ 0.0000, 0.0000,
0.0000

■ 59.5454, 61.1493,
81.3377

■ 59.5454, 61.1493,
81.3377

■ 49.4199, 49.2972,
79.5846

■ 71.1916, 74.7019,
83.3408

■ 40.7469, 39.0708,
78.0679

■ 84.4120, 90.0105,
85.5988

■ 33.4610, 30.4013,
76.7785

■ 90.8653, 98.3261,
86.8638

■ 27.4898, 23.2119,
75.7055

■ 22.7541, 17.4193,
74.8370

■ 19.1664, 12.9317,
74.1599

■ 16.6271, 9.6461,
73.6596

■ 15.0194, 7.4439,
73.3193

■ 14.2395, 6.2945,
73.1385

Harmonies

Analogous

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



56.9462, 61.1493, 81.5404



59.5454, 61.1493, 81.3377



61.8271, 61.1493, 76.9943

Triad

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



59.5454, 61.1493, 81.3377



61.6511, 61.1493, 56.7159



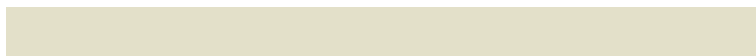
53.3809, 61.1493, 63.2519

Complementary

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



59.5454, 61.1493, 81.3377



68.8771, 73.8589, 65.8855

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.



54.5653, 61.1493, 57.1520



59.5454, 61.1493, 81.3377



59.3110, 61.1493, 53.5735

Square

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



59.5454, 61.1493, 81.3377



63.0674, 61.1493, 62.6150



56.7187, 61.1493, 53.7270



53.4394, 61.1493, 70.7115

Rectangle

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



59.5454, 61.1493, 81.3377



62.8380, 61.1493, 72.5080



56.7187, 61.1493, 53.7270



53.6453, 61.1493, 60.9865

Sweetspot

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



59.5472, 61.1519, 81.3391



90.1706, 94.3363, 108.0640



65.0076, 72.7368, 81.1117



19.0278, 19.8754, 23.0834



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.



59.5472, 61.1519, 81.3391



73.8546, 75.3283, 105.2550



61.6074, 61.1646, 81.2329



13.7162, 14.1538, 18.1534



8.3473, 3.7568, 42.6683



0.6615, 0.3669, 3.1679

Inverse Universe

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



63.4657, 62.4652, 65.8417



80.0263, 77.4303, 80.8391



66.6380, 73.9131, 66.0140



14.4443, 14.3949, 15.2743



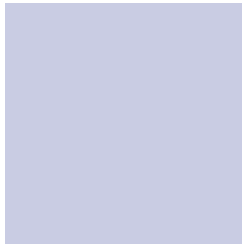
18.6069, 9.5770, 1.5587



1.3975, 0.7167, 0.2338

Previews

White Background



This preview shows how the XYZ color 59.5454, 61.1493, 81.3377 looks on a white background.

Color Contrast Check

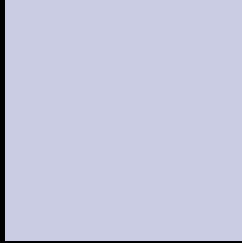
Large Text (above 18pt) WCAG AA × Fail

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 59.5454, 61.1493, 81.3377 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

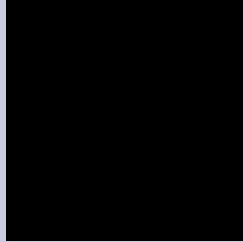
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.5454, 61.1493, 81.3377

Background



This preview shows how black text looks on a background with the XYZ color 59.5454, 61.1493, 81.3377.

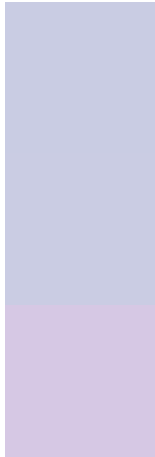


This preview shows how white text looks on a background with the XYZ color 59.5454, 61.1493,

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

59.5454, 61.1493, 81.3377

Protanopia

59.8151, 61.2883, 81.3503

Deuteranopia

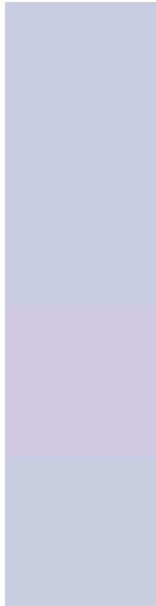
62.3894, 61.2061, 81.9245



Tritanopia

58.7019, 61.1625, 77.1182

Trichromacy



Original Color

59.5454, 61.1493, 81.3377

Protanomaly

59.8151, 61.2883, 81.3503

Deuteranomaly

61.1847, 60.9300, 81.9347

Tritanomaly

58.9700, 61.2697, 78.5302

Monochromacy



Original Color

59.5454, 61.1493, 81.3377

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.8708, 61.3551, 72.3582

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5454, 61.1493, 81.3377 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(201, 204, 227) looks like.

```
.text, #text, p{  
    color:rgb(201, 204, 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(201, 204, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 204, 227) }
```

Border

The CSS property to change the border of an element to XYZ 59.5454, 61.1493, 81.3377 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(201, 204, 227) }
```


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

```
.border{ border-color:rgb(201, 204, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 204, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 204, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 204, 227);  
box-shadow:4px 4px 4px 4px rgb(201, 204,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5454, 61.1493, 81.3377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 204, 227) }
```

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

```
.background{ background-color: rgb(201,  
204, 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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