

Converting Colors

XYZ(55.7540, 61.2563, 81.0651)

Have a look what the booklet for
XYZ(55.7540, 61.2563, 81.0651)
contains.

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Color

**XYZ(55.8301, 61.4079,
80.8619)**

Conversions

Conversions Part 1

Format	Color
Hex	B5D2E2
RGB	181, 210, 226
RGB Percent	71%, 82%, 89%
CMY	0.2902, 0.1765, 0.1137
CMYK	0.20, 0.07, 0.00, 0.11
HSL	201°, 44%, 80%
HSV	201°, 20%, 89%
XYZ	55.8301, 61.4079, 80.8619
YIQ	203.1530, -22.4200, -1.1720

Conversions

Conversions Part 2

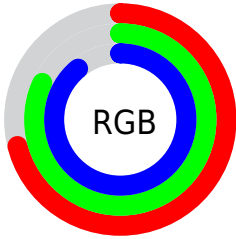
Format	Color
RYB	181, 199, 226
Decimal	11916002
CIELab	82.60, -6.25, -11.12
CIELCh	83, 12.755, 240.674
Yxy	61.4079, 0.2818, 0.3100
Android (android.graphics.Color)	4290106082 (0xFFB5D2E2)
YUV	203.1530, 11.2636, -19.4282
Hunter-Lab	78.3632, -9.9627, -6.3263

Details

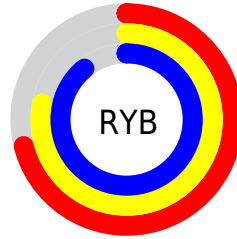
The XYZ color **55.8301, 61.4079, 80.8619** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **59.6714, 59.4376, 52.0449**, and the grayscale version is **56.8038, 59.7621, 65.0809**.

A 20% lighter version of the original color is **88.7351, 96.7445, 108.6045**, and **27.9915, 31.2292, 43.0806** is the 20% darker color. If you saturate the color by 10%, you get **49.0210, 55.0280, 79.9903**, and if you desaturate by 10%, it is **63.6021, 68.4352, 81.8097**.

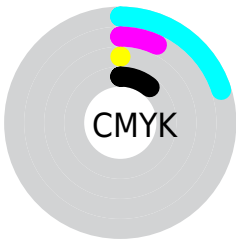
Distribution



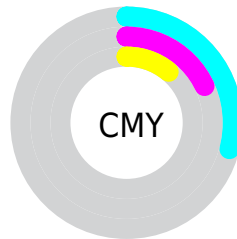
- Red (71%)
- Green (82%)
- Blue (89%)



- Red (71%)
- Yellow (78%)
- Blue (89%)



- Cyan (20%)
- Magenta (7%)
- Yellow (0%)
- Black (11%)



- Cyan (29%)
- Magenta (18%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.8301, 61.4079, 80.8619 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 55.8301, 61.4079, 80.8619 by changing the saturation by 10% instead.

■ 55.8301, 61.4079,
80.8619

■ 55.8301, 61.4079,
80.8619

399.1363,
429.7680, 517.6159

■ 40.3032, 44.5544,
59.8975

■ 97.8974, 106.8693,
136.3992

■ 27.9603, 31.1066,
42.9113

125.1684,
136.2461, 171.8091

■ 18.4360, 20.6801,
29.4846

157.0849,
170.5660, 212.8714

■ 11.3651, 12.8903,
19.1990

194.0122,
210.2136, 260.0045

■ 6.3820, 7.3531,
11.6359

236.3157,
255.5732, 313.6270

■ 3.1216, 3.6839,
6.3768

284.3606,

■ 1.2184, 1.4983,

307.0292, 374.1573

3.0030

338.5123,
364.9660, 442.0141

■ 0.1208, 0.2876,
1.0962

■ 0.0000, 0.0000,
0.0000

■ 55.8301, 61.4079,
80.8619

■ 55.8301, 61.4079,
80.8619

■ 49.0210, 55.0280,
79.9903

■ 63.6021, 68.4352,
81.8097

■ 43.1263, 49.2637,
79.1884

■ 72.3715, 76.1250,
82.8318

■ 38.1018, 44.0914,
78.4549

■ 82.1777, 84.5014,
83.9317

■ 33.8968, 39.4829,
77.7870

■ 86.7620, 90.3397,
84.8170

■ 30.4550, 35.4068,
77.1816

■ 89.2080, 95.2317,
85.6323

■ 27.7124, 31.8277,
76.6353

■ 90.7277, 98.2711,
86.1389

■ 25.5931, 28.7042,
76.1441

■ 23.9674, 25.9668,
75.7014

■ 23.9539, 25.9435,
75.6976

Harmonies

Analogous

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



53.9621, 61.4079, 74.8387



55.8301, 61.4079, 80.8619



58.4282, 61.4079, 83.0699

Triad

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



55.8301, 61.4079, 80.8619



63.7806, 61.4079, 66.6858



55.7262, 61.4079, 54.7353

Complementary

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



55.8301, 61.4079, 80.8619



59.6714, 59.4376, 52.0449

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.



58.3046, 61.4079, 52.9139



55.8301, 61.4079, 80.8619



63.0040, 61.4079, 59.4747

Square

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



55.8301, 61.4079, 80.8619



63.0691, 61.4079, 74.5085



60.9783, 61.4079, 54.5804



53.9034, 61.4079, 59.7588

Rectangle

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



55.8301, 61.4079, 80.8619



60.2415, 61.4079, 81.9560



60.9783, 61.4079, 54.5804



56.5306, 61.4079, 53.7466

Sweetspot

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



55.8319, 61.4104, 80.8633



87.9327, 93.7914, 108.0767



56.3030, 68.2374, 62.8781



18.6617, 19.9348, 23.1142



0.0000, 0.0000, 0.0000



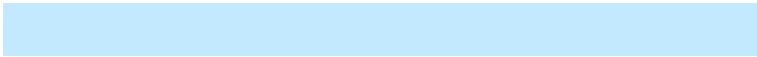
20.3446, 21.4041, 23.3091

Same Dimension

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



55.8319, 61.4104, 80.8633



69.4547, 77.0786, 105.8248



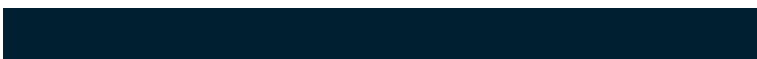
50.7146, 51.1758, 79.1575



13.6852, 14.7096, 17.5056



13.7814, 15.0323, 43.2235



1.0387, 1.2090, 3.0238

Inverse Universe

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



59.5222, 53.8711, 68.2366



75.2301, 65.6517, 85.9802



65.1024, 70.2997, 53.8553



14.0773, 13.8486, 16.1775



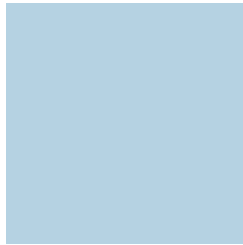
20.8964, 10.4256, 16.6520



1.4906, 0.7395, 1.3762

Previews

White Background



This preview shows how the XYZ color 55.8301, 61.4079, 80.8619 looks on a white background.

Color Contrast Check

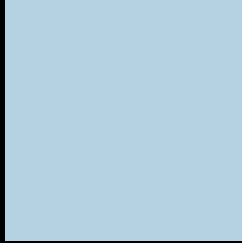
Large Text (above 18pt) WCAG AA × Fail

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 55.8301, 61.4079, 80.8619 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

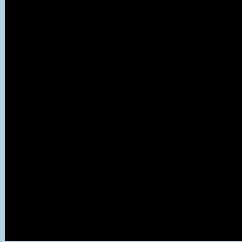
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.8301, 61.4079, 80.8619

Background



This preview shows how black text looks on a background with the XYZ color 55.8301, 61.4079, 80.8619.



This preview shows how white text looks on a background with the XYZ color 55.8301, 61.4079,

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

55.8301, 61.4079, 80.8619

Protanopia

59.6795, 61.2970, 77.7933

Deuteranopia

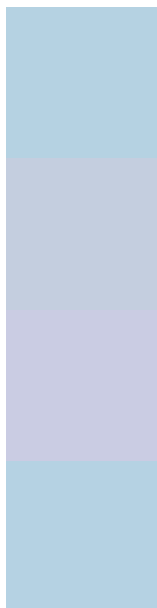
62.3894, 61.2061, 81.9245



Tritanopia

55.9678, 61.4630, 81.5868

Trichromacy



Original Color

55.8301, 61.4079, 80.8619

Protanomaly

58.1555, 61.2061, 78.5609

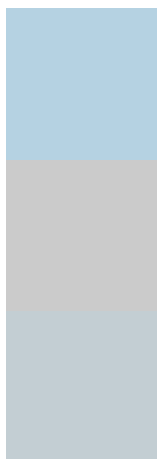
Deuteranomaly

59.8151, 61.2883, 81.3503

Tritanomaly

55.9678, 61.4630, 81.5868

Monochromacy



Original Color

55.8301, 61.4079, 80.8619

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.3349, 60.4479, 70.3265

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.8301, 61.4079, 80.8619 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(181, 210, 226)` looks like.

```
.text, #text, p{  
    color:rgb(181, 210, 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(181, 210, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 210, 226) }
```

Border

The CSS property to change the border of an element to XYZ 55.8301, 61.4079, 80.8619 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(181, 210, 226) }
```


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

```
.border{ border-color:rgb(181, 210, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 210, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 210, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 210, 226);  
box-shadow:4px 4px 4px 4px rgb(181, 210,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 55.8301, 61.4079, 80.8619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 210, 226) }
```

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

```
.background{ background-color: rgb(181,  
210, 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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