

Converting Colors

XYZ(50.4509, 61.6026, 81.1836)

Have a look what the booklet for
XYZ(50.4509, 61.6026, 81.1836)
contains.

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Color

**XYZ(50.4759, 61.6535,
81.1915)**

Conversions

Conversions Part 1

Format	Color
Hex	91DAE2
RGB	145, 218, 226
RGB Percent	57%, 85%, 89%
CMY	0.4314, 0.1451, 0.1137
CMYK	0.36, 0.04, 0.00, 0.11
HSL	186°, 58%, 73%
HSV	186°, 36%, 89%
XYZ	50.4759, 61.6535, 81.1915
YIQ	197.0850, -46.0760, -12.9880

Conversions

Conversions Part 2

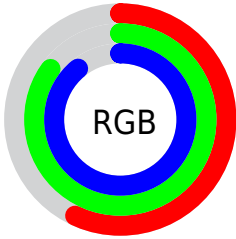
Format	Color
RYB	145, 183, 226
Decimal	9558754
CIELab	82.73, -20.65, -11.14
CIELCh	83, 23.464, 208.344
Yxy	61.6535, 0.2611, 0.3189
Android (android.graphics.Color)	4287748834 (0xFF91DAE2)
YUV	197.0850, 14.2551, -45.6785
Hunter-Lab	78.5197, -22.6620, -6.3436

Details

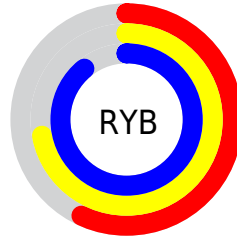
The XYZ color **50.4759, 61.6535, 81.1915** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **47.8670, 40.9963, 32.1797**, and the grayscale version is **53.0603, 55.8236, 60.7918**.

A 20% lighter version of the original color is **78.1671, 91.2966, 108.1099**, and **24.6643, 31.3083, 43.2712** is the 20% darker color. If you saturate the color by 10%, you get **46.3085, 58.6533, 80.8331**, and if you desaturate by 10%, it is **55.4469, 65.0825, 81.5924**.

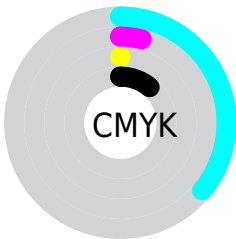
Distribution



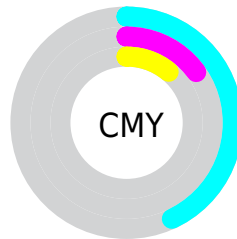
- Red (57%)
- Green (85%)
- Blue (89%)



- Red (57%)
- Yellow (72%)
- Blue (89%)



- Cyan (36%)
- Magenta (4%)
- Yellow (0%)
- Black (11%)





- Cyan (43%)
- Magenta (15%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.4759, 61.6535, 81.1915 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 50.4759, 61.6535, 81.1915 by changing the saturation by 10% instead.


 50.4759, 61.6535,
81.1915


 50.4759, 61.6535,
81.1915


378.9454,
430.6660, 518.7515

 36.0110, 44.7528,
60.1674


 90.0672, 107.2246,
136.8661

 24.6129, 31.2627,
43.1274


 115.9243,
136.6637, 172.3537

 15.9160, 20.7990,
29.6529


146.3096,
171.0512, 213.4996

 9.5552, 12.9772,
19.3255

181.5884,
210.7712, 260.7222

 5.1651, 7.4128,
11.7265

222.1260,
256.2084, 314.4402

 2.3802, 3.7216,
6.4375

268.2878,

 0.8352, 1.5191,

307.7470, 375.0721

3.0398

320.4391,
365.7714, 443.0363

■ 0.0000, 0.3021,
1.1150

■ 0.0000, 0.0000,
0.0000

■ 50.4759, 61.6535,
81.1915

■ 50.4759, 61.6535,
81.1915

■ 46.3085, 58.6533,
80.8331

■ 55.4469, 65.0825,
81.5924

■ 42.8920, 56.0502,
80.5107

■ 61.2593, 68.9554,
82.0336

■ 40.1758, 53.8197,
80.2233

■ 67.9552, 73.2954,
82.5184

■ 38.1011, 51.9312,
79.9682

■ 75.5721, 78.1219,
83.0486

■ 36.5990, 50.3494,
79.7420

■ 83.0317, 82.8791,
83.5736

■ 35.5846, 49.0303,
79.5409

■ 83.6537, 84.1231,
83.7810

■ 35.2461, 48.5278,
79.4618

■ 84.2837, 85.3831,
83.9910

■ 84.9217, 86.6591,
84.2036

■ 85.5677, 87.9511,
84.4190

Harmonies

Analogous

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



49.4347, 61.6535, 66.3312



50.4759, 61.6535, 81.1915



53.6584, 61.6535, 93.6419

Triad

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



50.4759, 61.6535, 81.1915



67.2442, 61.6535, 82.7790



58.8804, 61.6535, 43.0288

Complementary

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



50.4759, 61.6535, 81.1915



47.8670, 40.9963, 32.1797

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.



63.8356, 61.6535, 46.1639



50.4759, 61.6535, 81.1915



68.8329, 61.6535, 67.9356

Square

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



50.4759, 61.6535, 81.1915



63.3234, 61.6535, 94.6470



67.5517, 61.6535, 54.7940



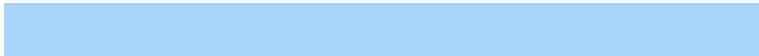
54.1172, 61.6535, 45.5418

Rectangle

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



50.4759, 61.6535, 81.1915



56.6632, 61.6535, 98.1544



67.5517, 61.6535, 54.7940



60.5801, 61.6535, 43.4471

Sweetspot

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



50.4777, 61.6559, 81.1929



84.5956, 93.3084, 108.1594



44.5217, 62.6725, 39.3504



17.8530, 19.8068, 23.1321



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.



50.4777, 61.6559, 81.1929



62.1917, 78.0773, 106.4003



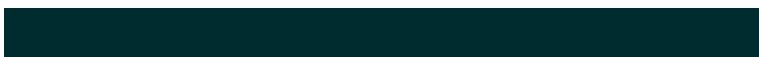
41.4759, 43.6523, 78.1923



13.9949, 15.3289, 17.6088



20.1570, 27.7836, 45.3487



1.4311, 1.9937, 3.1546

Inverse Universe

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



54.1458, 41.4830, 71.4855



67.7744, 48.1601, 91.4497



55.3807, 56.0236, 34.6842



14.2336, 13.9111, 17.0005



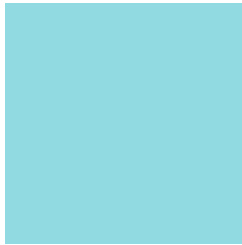
24.1145, 11.7128, 33.5985



1.6886, 0.8187, 2.4191

Previews

White Background



This preview shows how the XYZ color 50.4759, 61.6535, 81.1915 looks on a white background.

Color Contrast Check

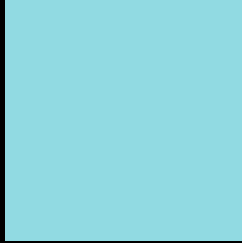
Large Text (above 18pt) WCAG AA × Fail

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 50.4759, 61.6535, 81.1915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

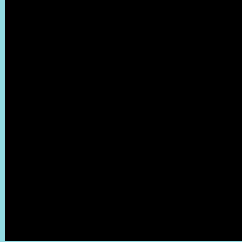
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.4759, 61.6535, 81.1915

Background



This preview shows how black text looks on a background with the XYZ color 50.4759, 61.6535, 81.1915.

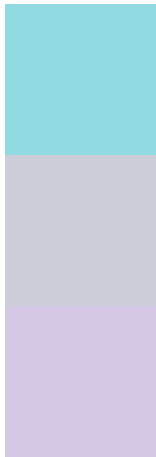


This preview shows how white text looks on a background with the XYZ color 50.4759, 61.6535,

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

50.4759, 61.6535, 81.1915

Protanopia

59.2941, 61.1746, 74.3284

Deuteranopia

62.3778, 61.1679, 83.3818



Tritanopia

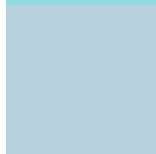
51.6968, 61.7693, 87.0399

Trichromacy



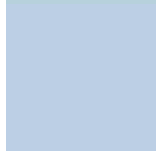
Original Color

50.4759, 61.6535, 81.1915



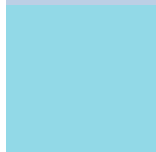
Protanomaly

55.2472, 60.8355, 76.5407



Deuteranomaly

57.1947, 60.9742, 82.8834



Tritanomaly

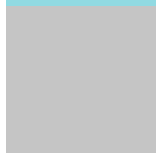
51.0907, 61.5062, 84.7804

Monochromacy



Original Color

50.4759, 61.6535, 81.1915



Achromatopsia

53.0703, 55.8340, 60.8033



Achromatomaly

51.5766, 57.6817, 68.0898

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.4759, 61.6535, 81.1915 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(145, 218, 226)` looks like.

```
.text, #text, p{  
    color:rgb(145, 218, 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(145, 218, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 218, 226) }
```

Border

The CSS property to change the border of an element to XYZ 50.4759, 61.6535, 81.1915 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(145, 218, 226) }
```


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

```
.border{ border-color:rgb(145, 218, 226) }
```

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

Here you see how a box with a 4 pixel rgb(145, 218, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 218, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 218, 226);  
box-shadow:4px 4px 4px 4px rgb(145, 218,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 50.4759, 61.6535, 81.1915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 218, 226) }
```

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

```
.background{ background-color: rgb(145,  
218, 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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