

Converting Colors

XYZ(49.9140, 61.5594, 65.1826)

Have a look what the booklet for
XYZ(49.9140, 61.5594, 65.1826)
contains.

XYZ(50.0301, 61.7780, 65.1646)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(50.0301, 61.7780,
65.1646)**

Conversions

Conversions Part 1

Format	Color
Hex	9FDACA
RGB	159, 218, 202
RGB Percent	62%, 85%, 79%
CMY	0.3765, 0.1451, 0.2078
CMYK	0.27, 0.00, 0.07, 0.15
HSL	164°, 44%, 74%
HSV	164°, 27%, 85%
XYZ	50.0301, 61.7780, 65.1646
YIQ	198.5350, -30.0280, -17.4840

Conversions

Conversions Part 2

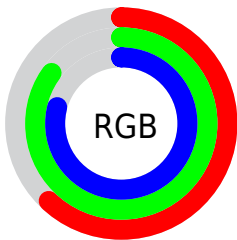
Format	Color
RYB	159, 193, 218
Decimal	10476234
CIELab	82.80, -22.13, 1.79
CIElCh	83, 22.206, 175.370
Yxy	61.7780, 0.2827, 0.3491
Android (android.graphics.Color)	4288666314 (0xFF9FDACA)
YUV	198.5350, 1.7082, -34.6722
Hunter-Lab	78.5990, -23.9288, 5.8633

Details

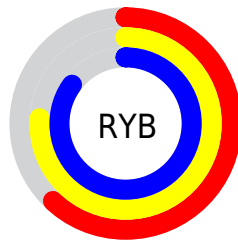
The XYZ color **50.0301, 61.7780, 65.1646** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **49.0515, 42.7984, 46.2354**, and the grayscale version is **54.0065, 56.8191, 61.8760**.

A 20% lighter version of the original color is **81.8343, 93.1871, 108.2815**, and **24.3863, 31.3967, 32.7918** is the 20% darker color. If you saturate the color by 10%, you get **45.3960, 59.4700, 61.3638**, and if you desaturate by 10%, it is **55.4569, 64.4948, 69.1451**.

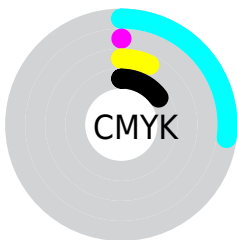
Distribution



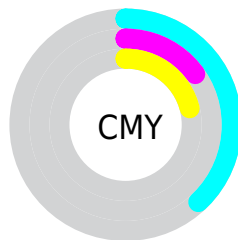
- Red (62%)
- Green (85%)
- Blue (79%)



- Red (62%)
- Yellow (76%)
- Blue (85%)



- Cyan (27%)
- Magenta (0%)
- Yellow (7%)
- Black (15%)





- Cyan (38%)
- Magenta (15%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.0301, 61.7780, 65.1646 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 50.0301, 61.7780, 65.1646 by changing the saturation by 10% instead.


 50.0301, 61.7780,
65.1646


 50.0301, 61.7780,
65.1646


377.2337,
431.1208, 461.7056

 35.6552, 44.8533,
47.1424


 89.4110, 107.4046,
113.9020

 24.3369, 31.3419,
32.7931


 115.1478,
136.8754, 145.4543

 15.7098, 20.8594,
21.6981


145.4025,
171.2969, 182.3536

 9.4086, 13.0212,
13.4391

180.5406,
211.0537, 225.0186

 5.0679, 7.4432,
7.5973

220.9274,
256.5301, 273.8677

 2.3223, 3.7408,
3.7543

266.9283,

 0.8060, 1.5296,

308.1105, 329.3196

1.4916

318.9086,
366.1793, 391.7927

■ 0.0000, 0.3094,
0.2116

■ 0.0000, 0.0000,
0.0000

■ 50.0301, 61.7780,
65.1646

■ 50.0301, 61.7780,
65.1646

■ 45.3960, 59.4700,
61.3638

■ 55.4569, 64.4948,
69.1451

■ 41.5092, 57.5426,
57.7353

■ 61.7086, 67.6321,
73.3045

■ 38.3271, 55.9754,
54.2766

■ 68.8220, 71.2104,
77.6473

■ 35.8013, 54.7436,
50.9839

■ 76.8299, 75.2467,
82.1765

■ 33.8764, 53.8186,
47.8531

■ 80.8163, 77.2066,
86.6635

■ 32.4881, 53.1672,
44.8795

■ 81.6686, 77.5475,
91.1512

■ 31.5515, 52.7459,
42.0573

■ 82.5493, 77.8998,
95.7891

■ 31.3199, 52.6440,
41.2555

■ 83.4588, 78.2636,
100.5786

■ 84.3625, 78.6251,
105.3375

Harmonies

Analogous

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



51.4795, 61.7780, 53.3964



50.0301, 61.7780, 65.1646



50.8033, 61.7780, 79.1787

Triad

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



50.0301, 61.7780, 65.1646



62.7425, 61.7780, 93.9454



64.0943, 61.7780, 47.8582

Complementary

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



50.0301, 61.7780, 65.1646



49.0515, 42.7984, 46.2354

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.



67.4151, 61.7780, 56.6120



50.0301, 61.7780, 65.1646



66.6054, 61.7780, 83.3501

Square

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



50.0301, 61.7780, 65.1646



57.9798, 61.7780, 97.0416



68.3579, 61.7780, 69.4116



59.4627, 61.7780, 44.3042

Rectangle

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



50.0301, 61.7780, 65.1646



52.4985, 61.7780, 87.7780



68.3579, 61.7780, 69.4116



65.4105, 61.7780, 50.2273

Sweetspot

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



50.0318, 61.7805, 65.1660



87.0609, 95.9829, 103.9429



49.1718, 61.8457, 42.1476



18.3323, 20.3924, 22.0526



0.0000, 0.0000, 0.0000



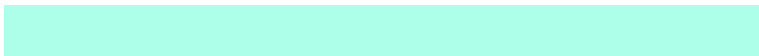
20.3446, 21.4041, 23.3091

Same Dimension

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



50.0318, 61.7805, 65.1660



67.7713, 86.3256, 90.0828



48.8380, 56.2015, 74.6066



13.2863, 14.7662, 15.9706



18.8102, 31.5567, 24.9638



1.2540, 2.0585, 1.8034

Inverse Universe

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



49.0515, 42.7984, 46.2354



66.1710, 55.2650, 59.1251



49.8847, 46.8329, 39.2122



13.2004, 13.1093, 14.3165



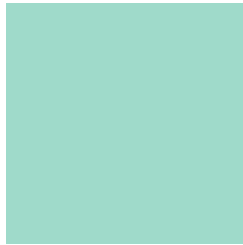
17.8359, 9.1354, 3.5157



1.1914, 0.6062, 0.4166

Previews

White Background



This preview shows how the XYZ color 50.0301, 61.7780, 65.1646 looks on a white background.

Color Contrast Check

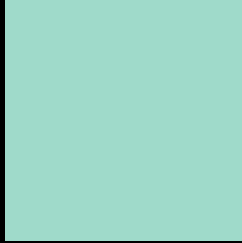
Large Text (above 18pt) WCAG AA × Fail

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 50.0301, 61.7780, 65.1646 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

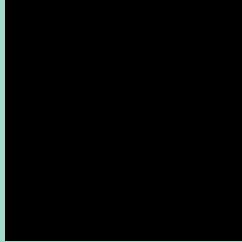
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

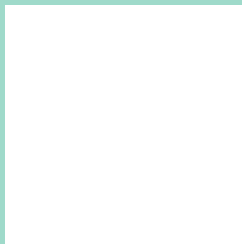
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.0301, 61.7780, 65.1646

Background



This preview shows how black text looks on a background with the XYZ color 50.0301, 61.7780, 65.1646.



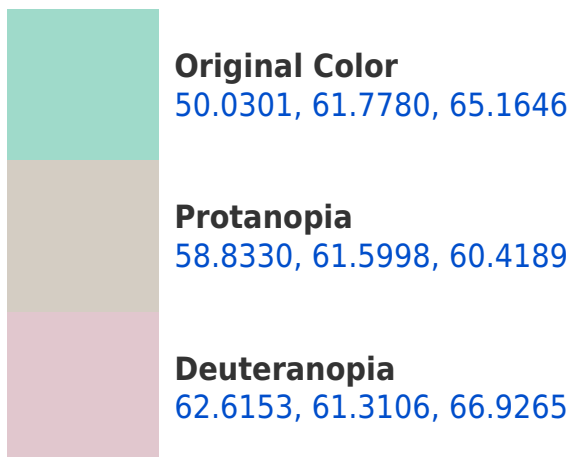
This preview shows how white text looks on a background with the XYZ color 50.0301, 61.7780,

65.1646.

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





Tritanopia

53.9874, 61.8620, 84.6964

Trichromacy



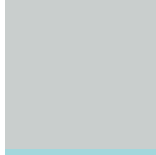
Original Color

50.0301, 61.7780, 65.1646



Protanomaly

55.2320, 61.5079, 62.3872



Deuteranomaly

57.1781, 60.9679, 66.5120



Tritanomaly

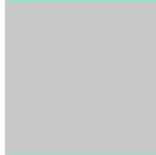
52.3230, 61.5547, 76.8337

Monochromacy



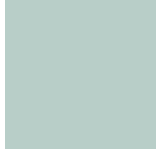
Original Color

50.0301, 61.7780, 65.1646



Achromatopsia

54.2854, 57.1125, 62.1955



Achromatomaly

52.2638, 58.5031, 63.1812

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.0301, 61.7780, 65.1646 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(159, 218, 202)` looks like.

```
.text, #text, p{  
    color:rgb(159, 218, 202)  
}
```

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(159, 218, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 218, 202) }
```

Border

The CSS property to change the border of an element to XYZ 50.0301, 61.7780, 65.1646 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(159, 218, 202) }
```


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

```
.border{ border-color:rgb(159, 218, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 218, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 218, 202); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 218, 202); box-shadow:4px 4px 4px 4px rgb(159, 218, 202) }
```

Background

The CSS property to change the background color of an element to XYZ 50.0301, 61.7780, 65.1646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 218, 202) }
```

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

```
.background{ background-color: rgb(159,  
218, 202) }
```

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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