

Converting Colors

XYZ(47.0829, 62.0250, 59.6071)

Have a look what the booklet for
XYZ(47.0829, 62.0250, 59.6071)
contains.

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Color

**XYZ(46.9634, 61.8880,
59.3395)**

Conversions

Conversions Part 1

Format	Color
Hex	8FDEC0
RGB	143, 222, 192
RGB Percent	56%, 87%, 75%
CMY	0.4392, 0.1294, 0.2471
CMYK	0.36, 0.00, 0.14, 0.13
HSL	157°, 54%, 72%
HSV	157°, 36%, 87%
XYZ	46.9634, 61.8880, 59.3395
YIQ	194.9590, -37.4540, -26.0780

Conversions

Conversions Part 2

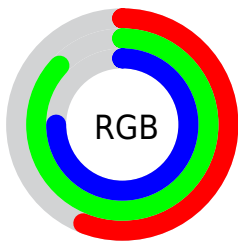
Format	Color
RYB	143, 192, 222
Decimal	9428672
CIELab	82.85, -30.81, 7.07
CIELCh	83, 31.611, 167.070
Yxy	61.8880, 0.2792, 0.3680
Android (android.graphics.Color)	4287618752 (0xFF8FDEC0)
YUV	194.9590, -1.4588, -45.5680
Hunter-Lab	78.6689, -31.1105, 10.3462

Details

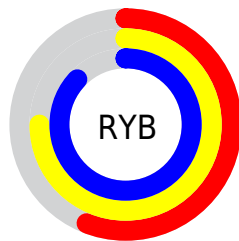
The XYZ color **46.9634, 61.8880, 59.3395** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **47.4916, 38.1932, 44.4066**, and the grayscale version is **51.8731, 54.5746, 59.4317**.

A 20% lighter version of the original color is **76.2565, 90.4394, 102.2443**, and **22.4162, 31.2604, 29.2785** is the 20% darker color. If you saturate the color by 10%, you get **42.5866, 59.7382, 54.3979**, and if you desaturate by 10%, it is **52.1577, 64.4563, 64.6014**.

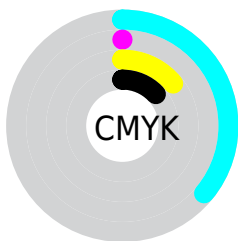
Distribution



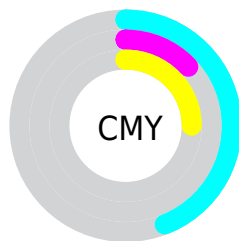
- Red (56%)
- Green (87%)
- Blue (75%)



- Red (56%)
- Yellow (75%)
- Blue (87%)



- Cyan (36%)
- Magenta (0%)
- Yellow (14%)
- Black (13%)





- Cyan (44%)
- Magenta (13%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.9634, 61.8880, 59.3395 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 46.9634, 61.8880, 59.3395 by changing the saturation by 10% instead.


 46.9634, 61.8880,
59.3395


 46.9634, 61.8880,
59.3395


365.3198,
431.5224, 439.8958

 33.2145, 44.9422,
42.4647


 84.8781, 107.5636,
105.4049

 22.4509, 31.4119,
29.1370


 109.7746,
137.0623, 135.4325

 14.3070, 20.9127,
18.9380


139.1177,
171.5140, 170.6815

 8.4176, 13.0602,
11.4492

173.2728,
211.3032, 211.5704

 4.4174, 7.4700,
6.2518

212.6052,
256.8142, 258.5178

 1.9409, 3.7577,
2.9276

257.4802,

 0.6004, 1.5390,

308.4315, 311.9421

1.0578

308.2633,
366.5394, 372.2619

0.0000, 0.3159,
0.0000

0.0000, 0.0000,
0.0000

46.9634, 61.8880,
59.3395

46.9634, 61.8880,
59.3395

42.5866, 59.7382,
54.3979

52.1577, 64.4563,
64.6014

38.9761, 57.9757,
49.7655

58.2065, 67.4573,
70.1860

36.0830, 56.5771,
45.4368

65.1508, 70.9135,
76.1008

33.8500, 55.5129,
41.4041

73.0274, 74.8438,
82.3518

■ 32.2107, 54.7490,
37.6593

■ 81.8709, 79.2660,
88.9450

■ 31.0838, 54.2435,
34.1934

■ 83.4779, 79.9510,
95.5005

■ 30.6877, 54.0710,
32.7480

■ 84.7780, 80.4711,
102.3467

■ 85.4124, 80.7248,
105.6875

Harmonies

Analogous

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



49.7484, 61.8880, 44.9388



46.9634, 61.8880, 59.3395



47.1744, 61.8880, 79.0015

Triad

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



46.9634, 61.8880, 59.3395



62.7499, 61.8880, 109.9572



68.1975, 61.8880, 43.4925

Complementary

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



46.9634, 61.8880, 59.3395



47.4916, 38.1932, 44.4066

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.



72.2460, 61.8880, 56.9679



46.9634, 61.8880, 59.3395



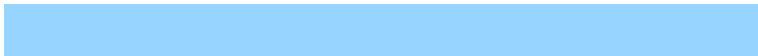
68.9383, 61.8880, 96.2839

Square

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



46.9634, 61.8880, 59.3395



55.9417, 61.8880, 110.9318



72.5272, 61.8880, 76.1278



61.8009, 61.8880, 37.0504

Rectangle

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



46.9634, 61.8880, 59.3395



48.9831, 61.8880, 92.6071



72.5272, 61.8880, 76.1278



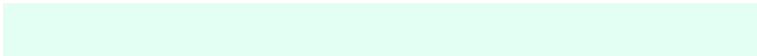
69.8989, 61.8880, 47.2173

Sweetspot

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



46.9651, 61.8905, 59.3409



83.8047, 94.3955, 99.6680



48.3775, 63.1450, 35.6259



17.6640, 20.0684, 21.0978



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.



46.9651, 61.8905, 59.3409



59.5546, 82.3939, 75.9542



48.2543, 58.5956, 77.8771



13.8844, 15.4795, 16.4264



18.2828, 32.1380, 19.7442



1.3104, 2.2449, 1.5959

Inverse Universe

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



47.4916, 38.1932, 44.4066



60.3877, 45.2054, 52.5518



46.3475, 40.0412, 31.2735



13.9215, 13.7862, 15.3569



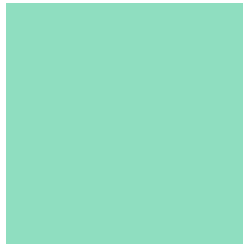
18.9009, 9.6274, 6.1441



1.3527, 0.6844, 0.6504

Previews

White Background



This preview shows how the XYZ color 46.9634, 61.8880, 59.3395 looks on a white background.

Color Contrast Check

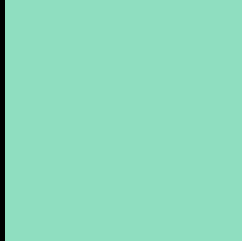
Large Text (above 18pt) WCAG AA × Fail

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 46.9634, 61.8880, 59.3395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

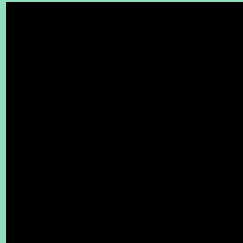
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

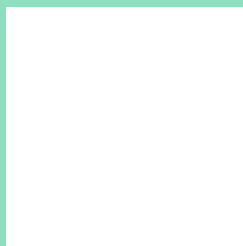
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 46.9634, 61.8880, 59.3395

Background



This preview shows how black text looks on a background with the XYZ color 46.9634, 61.8880, 59.3395.



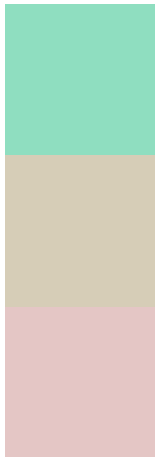
This preview shows how white text looks on a background with the XYZ color 46.9634, 61.8880,

59.3395.

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

46.9634, 61.8880, 59.3395

Protanopia

58.1101, 61.3777, 53.5841

Deuteranopia

62.2670, 60.9134, 61.2990



Tritanopia

52.2127, 61.6703, 86.2425

Trichromacy



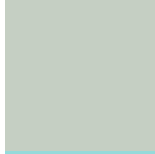
Original Color

46.9634, 61.8880, 59.3395



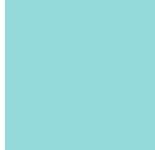
Protanomaly

52.8962, 60.8251, 55.4069



Deuteranomaly

55.1891, 60.4361, 60.3863



Tritanomaly

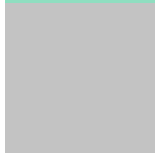
50.1207, 61.5943, 75.5769

Monochromacy



Original Color

46.9634, 61.8880, 59.3395



Achromatopsia

51.8711, 54.5724, 59.4294



Achromatomaly

49.4734, 56.7878, 59.3925

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.9634, 61.8880, 59.3395 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(143, 222, 192)` looks like.

```
.text, #text, p{  
    color:rgb(143, 222, 192)  
}
```

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(143, 222, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 222, 192) }
```

Border

The CSS property to change the border of an element to XYZ 46.9634, 61.8880, 59.3395 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(143, 222, 192) }
```


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

```
.border{ border-color:rgb(143, 222, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 222, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 222, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 222, 192);  
box-shadow:4px 4px 4px 4px rgb(143, 222,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 46.9634, 61.8880, 59.3395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 222, 192) }
```

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

```
.background{ background-color: rgb(143,  
222, 192) }
```

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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