

Converting Colors

XYZ(48.9442, 62.9159, 59.3186)

Have a look what the booklet for
XYZ(48.9442, 62.9159, 59.3186)
contains.

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Color

**XYZ(48.9621, 62.9183,
59.4331)**

Conversions

Conversions Part 1

Format	Color
Hex	9ADEC0
RGB	154, 222, 192
RGB Percent	60%, 87%, 75%
CMY	0.3961, 0.1294, 0.2471
CMYK	0.31, 0.00, 0.14, 0.13
HSL	154°, 51%, 74%
HSV	154°, 31%, 87%
XYZ	48.9621, 62.9183, 59.4331
YIQ	198.2480, -30.8980, -23.7460

Conversions

Conversions Part 2

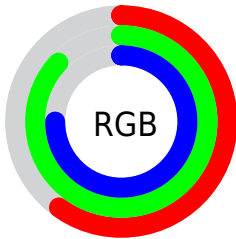
Format	Color
RYB	154, 198, 222
Decimal	10149568
CIELab	83.40, -27.63, 7.93
CIELCh	83, 28.745, 163.991
Yxy	62.9183, 0.2858, 0.3673
Android (android.graphics.Color)	4288339648 (0xFF9ADEC0)
YUV	198.2480, -3.0803, -38.8055
Hunter-Lab	79.3211, -28.6301, 11.1004

Details

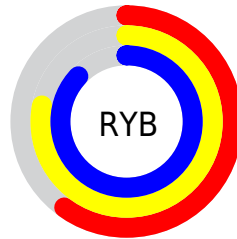
The XYZ color **48.9621, 62.9183, 59.4331** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **50.3336, 42.1030, 50.8236**, and the grayscale version is **53.8603, 56.6652, 61.7084**.

A 20% lighter version of the original color is **79.2816, 91.9989, 102.3859**, and **23.7344, 32.2108, 29.3925** is the 20% darker color. If you saturate the color by 10%, you get **44.0720, 60.5203, 53.7270**, and if you desaturate by 10%, it is **54.7093, 65.7532, 65.5591**.

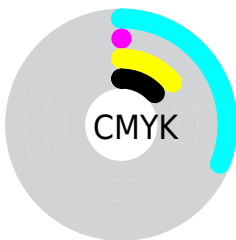
Distribution



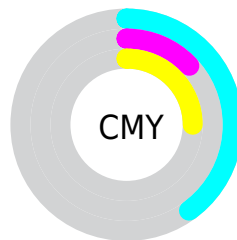
- Red (60%)
- Green (87%)
- Blue (75%)



- Red (60%)
- Yellow (78%)
- Blue (87%)



- Cyan (31%)
- Magenta (0%)
- Yellow (14%)
- Black (13%)





- Cyan (40%)
- Magenta (13%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.9621, 62.9183, 59.4331 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 48.9621, 62.9183, 59.4331 by changing the saturation by 10% instead.

 48.9621, 62.9183,
59.4331


 48.9621, 62.9183,
59.4331


373.1125,
435.2729, 440.2515

 34.8038, 45.7751,
42.5396


 87.8362, 109.0516,
105.5422

 23.6776, 32.0684,
29.1953

 113.2828,
138.8106, 135.5948

 15.2181, 21.4137,
18.9818


143.2228,
173.5436, 170.8708

 9.0599, 13.4268,
11.4804

178.0217,
213.6350, 211.7889

 4.8377, 7.7231,
6.2727

218.0447,
259.4692, 258.7674

 2.1861, 3.9183,
2.9402

263.6573,

 0.7354, 1.6279,

311.4307, 312.2250

1.0642

315.2248,
369.9038, 372.5802

■ 0.0000, 0.3763,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 48.9621, 62.9183,
59.4331

■ 48.9621, 62.9183,
59.4331

■ 44.0720, 60.5203,
53.7270

■ 54.7093, 65.7532,
65.5591

■ 39.9894, 58.5287,
48.4272

■ 61.3496, 69.0383,
72.1097

■ 36.6670, 56.9210,
43.5252

■ 68.9232, 72.7958,
79.0950

■ 34.0508, 55.6695,
39.0109

■ 77.4662, 77.0443,
86.5235

■ 32.0787, 54.7424,
34.8734

■ 83.2360, 79.8542,
94.2264

■ 30.6772, 54.1020,
31.1008

■ 84.7388, 80.4554,
102.1404

■ 29.7641, 53.7015,
27.8843

■ 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.



51.8254, 62.9183, 46.5785



48.9621, 62.9183, 59.4331



48.8661, 62.9183, 77.1841

Triad

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



48.9621, 62.9183, 59.4331



62.7595, 62.9183, 107.6967



68.8866, 62.9183, 47.2457

Complementary

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



48.9621, 62.9183, 59.4331



50.3336, 42.1030, 50.8236

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.



72.2585, 62.9183, 60.5065



48.9621, 62.9183, 59.4331



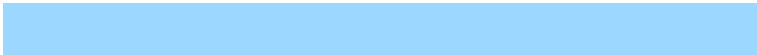
68.5576, 62.9183, 96.4219

Square

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



48.9621, 62.9183, 59.4331



56.5433, 62.9183, 107.2723



72.1341, 62.9183, 78.4612



63.1834, 62.9183, 40.4270

Rectangle

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



48.9621, 62.9183, 59.4331



50.3668, 62.9183, 89.6431



72.1341, 62.9183, 78.4612



70.3475, 62.9183, 50.9859

Sweetspot

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



48.9638, 62.9209, 59.4345



85.5172, 95.2691, 100.1673



51.8672, 64.8430, 40.3550



17.9958, 20.2387, 21.1477



0.0000, 0.0000, 0.0000



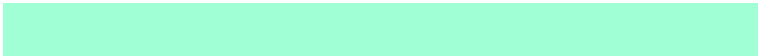
20.3446, 21.4041, 23.3091

Same Dimension

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



48.9638, 62.9209, 59.4345



62.4452, 83.8838, 76.0993



51.7406, 62.6011, 78.4664



13.8479, 15.4649, 16.2341



17.7353, 31.9190, 16.8612



1.2741, 2.2304, 1.4048

Inverse Universe

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



50.3336, 42.1030, 50.8236



64.6173, 50.9050, 62.4691



48.0835, 42.1137, 36.1672



13.9572, 13.8005, 15.5448



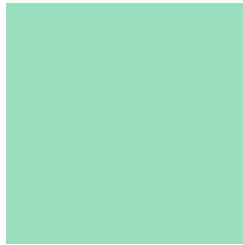
19.2551, 9.7690, 8.0089



1.3791, 0.6949, 0.7893

Previews

White Background



This preview shows how the XYZ color 48.9621, 62.9183, 59.4331 looks on a white background.

Color Contrast Check

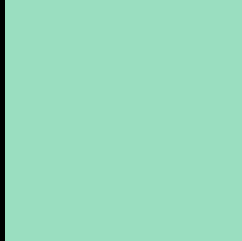
Large Text (above 18pt) WCAG AA × Fail

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 48.9621, 62.9183, 59.4331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

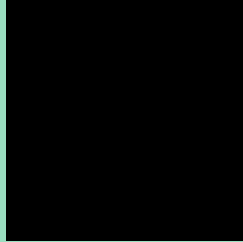
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

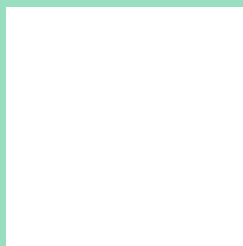
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.9621, 62.9183, 59.4331

Background



This preview shows how black text looks on a background with the XYZ color 48.9621, 62.9183, 59.4331.



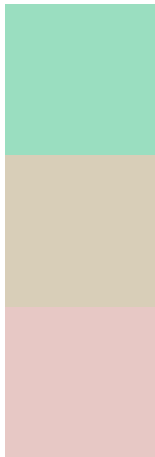
This preview shows how white text looks on a background with the XYZ color 48.9621, 62.9183,

59.4331.

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

48.9621, 62.9183, 59.4331

Protanopia

59.0419, 62.2022, 54.2418

Deuteranopia

63.6873, 62.3287, 61.4973



Tritanopia

54.3681, 62.7815, 86.3433

Trichromacy



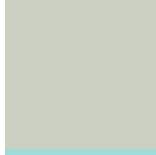
Original Color

48.9621, 62.9183, 59.4331



Protanomaly

54.5054, 62.0123, 56.1105



Deuteranomaly

57.0348, 61.7484, 60.5423



Tritanomaly

52.2235, 62.6783, 75.6753

Monochromacy



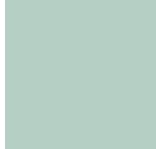
Original Color

48.9621, 62.9183, 59.4331



Achromatopsia

53.6758, 56.4712, 61.4971



Achromatomaly

51.5680, 58.5563, 60.8091

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.9621, 62.9183, 59.4331 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(154, 222, 192)` looks like.

```
.text, #text, p{  
    color:rgb(154, 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(154, 222, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 222, 192) }
```

Border

The CSS property to change the border of an element to XYZ 48.9621, 62.9183, 59.4331 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(154, 222, 192) }
```


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

```
.border{ border-color:rgb(154, 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(154, 222, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(154, 222, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(154, 222, 192); box-shadow:4px 4px 4px 4px rgb(154, 222, 192) }
```

Background

The CSS property to change the background color of an element to XYZ 48.9621, 62.9183, 59.4331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 222, 192) }
```

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

```
.background{ background-color: rgb(154,  
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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