

Converting Colors

XYZ(49.3726, 59.2339, 69.3770)

Have a look what the booklet for
XYZ(49.3726, 59.2339, 69.3770)
contains.

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Color

**XYZ(49.1527, 58.9595,
69.1113)**

Conversions

Conversions Part 1

Format	Color
Hex	9ED4D1
RGB	158, 212, 209
RGB Percent	62%, 83%, 82%
CMY	0.3804, 0.1686, 0.1804
CMYK	0.25, 0.00, 0.01, 0.17
HSL	177°, 39%, 73%
HSV	177°, 25%, 83%
XYZ	49.1527, 58.9595, 69.1113
YIQ	195.5120, -31.2210, -12.3810

Conversions

Conversions Part 2

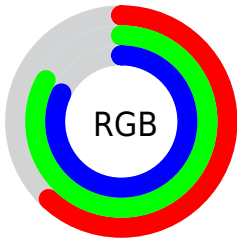
Format	Color
RYB	158, 186, 212
Decimal	10409169
CIELab	81.27, -17.93, -4.17
CIELCh	81, 18.410, 193.107
Yxy	58.9595, 0.2773, 0.3327
Android (android.graphics.Color)	4288599249 (0xFF9ED4D1)
YUV	195.5120, 6.6496, -32.8980
Hunter-Lab	76.7851, -20.1101, 0.3849

Details

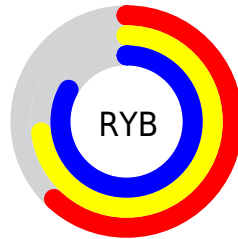
The XYZ color **49.1527, 58.9595, 69.1113** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.8134, 41.0257, 39.2248**, and the grayscale version is **52.1535, 54.8695, 59.7529**.

A 20% lighter version of the original color is **81.5416, 93.0361, 108.2678**, and **23.7991, 29.4838, 35.4469** is the 20% darker color. If you saturate the color by 10%, you get **45.1920, 56.9360, 68.1681**, and if you desaturate by 10%, it is **53.8372, 61.3591, 70.0965**.

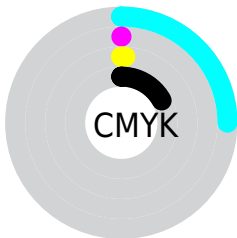
Distribution



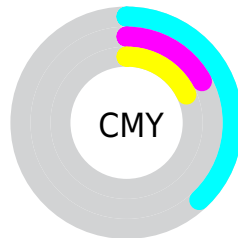
- Red (62%)
- Green (83%)
- Blue (82%)



- Red (62%)
- Yellow (73%)
- Blue (83%)



- Cyan (25%)
- Magenta (0%)
- Yellow (1%)
- Black (17%)





- Cyan (38%)
- Magenta (17%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.1527, 58.9595, 69.1113 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 49.1527, 58.9595, 69.1113 by changing the saturation by 10% instead.


 49.1527, 58.9595,
69.1113


 49.1527, 58.9595,
69.1113


373.8501,
420.7518, 476.1280

 34.9557, 42.5805,
50.3300


 88.1176, 103.3188,
119.6097

 23.7951, 29.5561,
35.3027


 113.6161,
132.0679, 152.1640

 15.3056, 19.5019,
23.6107


143.6125,
165.7092, 190.1463

 9.1218, 12.0335,
14.8356

178.4722,
204.6270, 233.9752

 4.8785, 6.7665,
8.5587

218.5604,
249.2058, 284.0693

 2.2102, 3.3165,
4.3616

264.2426,

 0.7481, 1.2991,

299.8299, 340.8471

1.8258

315.8840,
356.8838, 404.7272

■ 0.0000, 0.1405,
0.4449

■ 0.0000, 0.0000,
0.0000

■ 49.1527, 58.9595,
69.1113

■ 49.1527, 58.9595,
69.1113

■ 45.1920, 56.9360,
68.1681

■ 53.8372, 61.3591,
70.0965

■ 41.9131, 55.2624,
67.2612

■ 59.2748, 64.1452,
71.1214

■ 39.2776, 53.9202,
66.3900

■ 65.4992, 67.3368,
72.1888

■ 37.2409, 52.8867,
65.5524

■ 72.5406, 70.9495,
73.3000

■ 35.7530, 52.1360,
64.7461

■ 77.0368, 73.2499,
74.2979

■ 34.7558, 51.6381,
63.9683

■ 77.1887, 73.3107,
75.0981

■ 34.1779, 51.3562,
63.2157

■ 77.3418, 73.3719,
75.9041

■ 33.9951, 51.2692,
62.8805

■ 77.4960, 73.4336,
76.7158

■ 77.6512, 73.4957,
77.5334

Harmonies

Analogous

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



49.2685, 58.9595, 58.2473



49.1527, 58.9595, 69.1113



50.8207, 58.9595, 79.7548

Triad

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



49.1527, 58.9595, 69.1113



61.2366, 58.9595, 80.9018



58.2118, 58.9595, 46.0183

Complementary

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



49.1527, 58.9595, 69.1113



45.8134, 41.0257, 39.2248

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.



61.6033, 58.9595, 50.8064



49.1527, 58.9595, 69.1113



63.4035, 58.9595, 70.5384

Square

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



49.1527, 58.9595, 69.1113



57.7299, 58.9595, 87.0673



63.5407, 58.9595, 59.5211



54.3819, 58.9595, 45.7293

Rectangle

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



49.1527, 58.9595, 69.1113



52.7660, 58.9595, 84.9579



63.5407, 58.9595, 59.5211



59.4451, 58.9595, 47.1277

Sweetspot

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



49.1544, 58.9619, 69.1126



87.7569, 96.2613, 107.6082



44.5360, 57.1976, 41.0420



18.5087, 20.4630, 22.9816



0.0000, 0.0000, 0.0000



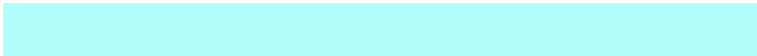
20.3446, 21.4041, 23.3091

Same Dimension

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



49.1544, 58.9619, 69.1126



71.0035, 87.6844, 104.1229



44.0977, 48.2479, 69.2786



12.7610, 14.0954, 15.8217



20.9986, 31.6548, 38.8837



1.2758, 1.9130, 2.3943

Inverse Universe

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



45.8134, 41.0257, 39.2248



65.0290, 55.6004, 50.6692



49.9304, 49.6784, 39.3063



12.4510, 12.4319, 13.0491



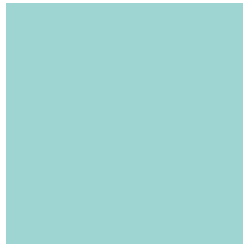
16.8140, 8.6619, 1.0585



1.0242, 0.5265, 0.1169

Previews

White Background



This preview shows how the XYZ color 49.1527, 58.9595, 69.1113 looks on a white background.

Color Contrast Check

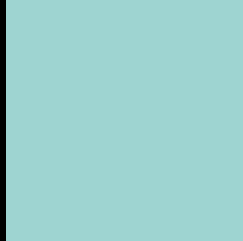
Large Text (above 18pt) WCAG AA × Fail

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 49.1527, 58.9595, 69.1113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

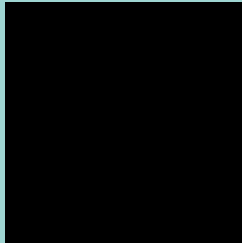
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.1527, 58.9595, 69.1113

Background



This preview shows how black text looks on a background with the XYZ color 49.1527, 58.9595, 69.1113.

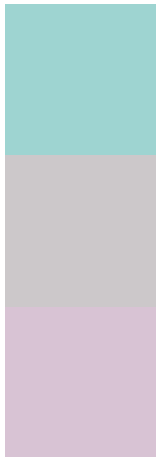


This preview shows how white text looks on a background with the XYZ color 49.1527, 58.9595,

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

49.1527, 58.9595, 69.1113

Protanopia

56.2168, 58.4102, 64.1885

Deuteranopia

59.7177, 58.3826, 70.4089



Tritanopia

51.4282, 58.7733, 80.5853

Trichromacy



Original Color

49.1527, 58.9595, 69.1113

Protanomaly

53.1058, 58.1583, 66.1843

Deuteranomaly

55.1502, 58.0785, 69.9316

Tritanomaly

50.6628, 58.8376, 76.3967

Monochromacy



Original Color

49.1527, 58.9595, 69.1113

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

50.9545, 56.4032, 63.4597

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.1527, 58.9595, 69.1113 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(158, 212, 209)` looks like.

```
.text, #text, p{  
    color:rgb(158, 212, 209)  
}
```

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(158, 212, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 212, 209) }
```

Border

The CSS property to change the border of an element to XYZ 49.1527, 58.9595, 69.1113 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(158, 212, 209) }
```


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

```
.border{ border-color:rgb(158, 212, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 212, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 212, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 212, 209);  
box-shadow:4px 4px 4px 4px rgb(158, 212,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 49.1527, 58.9595, 69.1113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 212, 209) }
```

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

```
.background{ background-color: rgb(158,  
212, 209) }
```

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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