

Converting Colors

XYZ(51.8931, 61.3318, 69.1882)

Have a look what the booklet for
XYZ(51.8931, 61.3318, 69.1882)
contains.

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Color

**XYZ(51.9575, 61.5292,
69.4595)**

Conversions

Conversions Part 1

Format	Color
Hex	A8D7D1
RGB	168, 215, 209
RGB Percent	66%, 84%, 82%
CMY	0.3412, 0.1568, 0.1804
CMYK	0.22, 0.00, 0.03, 0.16
HSL	172°, 37%, 75%
HSV	172°, 22%, 84%
XYZ	51.9575, 61.5292, 69.4595
YIQ	200.2630, -26.0860, -11.8300

Conversions

Conversions Part 2

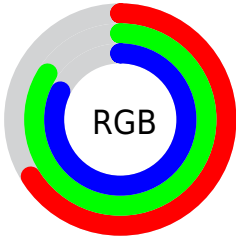
Format	Color
RYB	168, 193, 215
Decimal	11065297
CIELab	82.66, -16.44, -2.06
CIELCh	83, 16.570, 187.145
Yxy	61.5292, 0.2840, 0.3363
Android (android.graphics.Color)	4289255377 (0xFFA8D7D1)
YUV	200.2630, 4.3073, -28.2947
Hunter-Lab	78.4406, -19.0360, 2.4068

Details

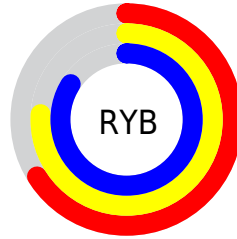
The XYZ color **51.9575, 61.5292, 69.4595** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **49.6691, 45.5099, 46.2133**, and the grayscale version is **55.0490, 57.9158, 63.0703**.

A 20% lighter version of the original color is **84.5505, 94.5873, 108.4086**, and **25.5574, 31.1530, 35.6765** is the 20% darker color. If you saturate the color by 10%, you get **47.4167, 59.2289, 67.4887**, and if you desaturate by 10%, it is **57.2645, 64.2271, 71.4994**.

Distribution



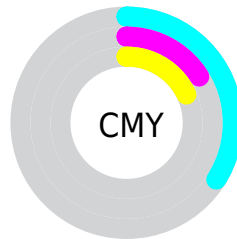
- Red (66%)
- Green (84%)
- Blue (82%)



- Red (66%)
- Yellow (76%)
- Blue (84%)



- Cyan (22%)
- Magenta (0%)
- Yellow (3%)
- Black (16%)



- Cyan (34%)
- Magenta (16%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.9575, 61.5292, 69.4595 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 51.9575, 61.5292, 69.4595 by changing the saturation by 10% instead.

■ 51.9575, 61.5292,
69.4595

■ 51.9575, 61.5292,
69.4595

384.5992,
430.2117, 477.3877

■ 37.1953, 44.6524,
50.6119

■ 92.2432, 107.0448,
120.1115

■ 25.5331, 31.1837,
35.5253

■ 118.4974,
136.4524, 152.7531

■ 16.6055, 20.7388,
23.7810

149.3129,
170.8057, 190.8297

■ 10.0472, 12.9332,
14.9606

185.0553,
210.4891, 234.7599

■ 5.4928, 7.3826,
8.6454

226.0897,
255.8870, 284.9623

■ 2.5769, 3.7025,
4.4170

272.7816,

■ 0.9342, 1.5086,

307.3838, 341.8553

1.8568

325.4963,
365.3639, 405.8576

■ 0.0000, 0.2947,
0.4650

■ 0.0000, 0.0000,
0.0000

■ 51.9575, 61.5292,
69.4595

■ 51.9575, 61.5292,
69.4595

■ 47.4167, 59.2289,
67.4887

■ 57.2645, 64.2271,
71.4994

■ 43.5995, 57.2993,
65.5809

■ 63.3671, 67.3327,
73.6059

■ 40.4675, 55.7223,
63.7354

■ 70.2995, 70.8655,
75.7822

■ 37.9764, 54.4750,
61.9501

■ 78.0923, 74.8412,
78.0298

■ 36.0765, 53.5319,
60.2224

■ 78.8246, 75.1764,
79.9781

■ 34.7111, 52.8636,
58.5496

■ 79.1974, 75.3255,
81.9410

■ 33.8120, 52.4351,
56.9282

■ 79.5761, 75.4770,
83.9356

■ 33.3297, 52.2144,
55.6421

■ 79.9610, 75.6309,
85.9621

■ 80.3519, 75.7873,
88.0207

Harmonies

Analogous

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



52.4057, 61.5292, 59.6747



51.9575, 61.5292, 69.4595



53.2000, 61.5292, 79.5257

Triad

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



51.9575, 61.5292, 69.4595



62.7074, 61.5292, 83.8439



61.1772, 61.5292, 50.5248

Complementary

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



51.9575, 61.5292, 69.4595



49.6691, 45.5099, 46.2133

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.



64.1018, 61.5292, 55.8547



51.9575, 61.5292, 69.4595



65.0099, 61.5292, 74.8904

Square

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



51.9575, 61.5292, 69.4595



59.3360, 61.5292, 88.3590



65.5303, 61.5292, 64.5892



57.6355, 61.5292, 49.3859

Rectangle

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



51.9575, 61.5292, 69.4595



54.8508, 61.5292, 84.8238



65.5303, 61.5292, 64.5892



62.2693, 61.5292, 51.8575

Sweetspot

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



51.9593, 61.5317, 69.4609



88.4202, 96.6244, 106.6852



48.8852, 60.4600, 46.1402



18.8093, 20.6224, 22.7947



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.



51.9593, 61.5317, 69.4609



73.3884, 88.9871, 100.9262



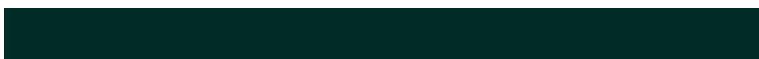
48.5568, 53.5148, 72.0631



12.7207, 14.0793, 15.6099



19.9618, 31.2401, 33.4242



1.2235, 1.8921, 2.1187

Inverse Universe

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



49.6691, 45.5099, 46.2133



69.4704, 61.5652, 61.1458



52.4921, 52.0718, 44.3310



12.4872, 12.4464, 13.2397



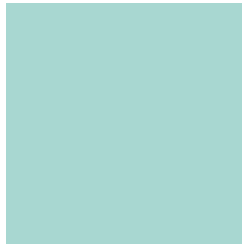
16.9050, 8.6983, 1.5379



1.0413, 0.5333, 0.2070

Previews

White Background



This preview shows how the XYZ color 51.9575, 61.5292, 69.4595 looks on a white background.

Color Contrast Check

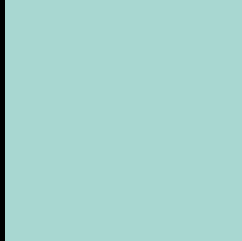
Large Text (above 18pt) WCAG AA × Fail

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 51.9575, 61.5292, 69.4595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

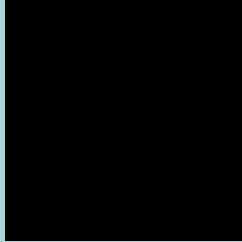
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

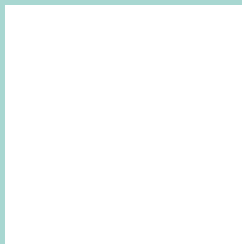
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.9575, 61.5292, 69.4595

Background



This preview shows how black text looks on a background with the XYZ color 51.9575, 61.5292, 69.4595.

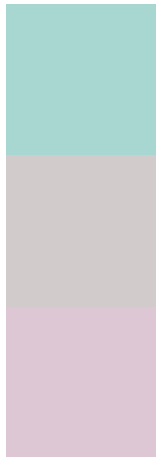


This preview shows how white text looks on a background with the XYZ color 51.9575, 61.5292,

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

51.9575, 61.5292, 69.4595

Protanopia

58.6669, 61.0528, 65.1922

Deuteranopia

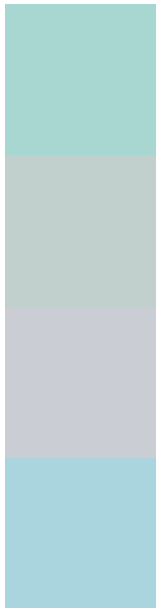
62.4313, 61.1299, 70.7961



Tritanopia

54.6996, 61.5148, 83.1193

Trichromacy



Original Color

51.9575, 61.5292, 69.4595

Protanomaly

55.8235, 60.9889, 66.5874

Deuteranomaly

57.9463, 60.9223, 70.3331

Tritanomaly

53.7737, 61.5204, 78.1477

Monochromacy



Original Color

51.9575, 61.5292, 69.4595

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

53.3499, 58.6658, 65.0117

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.9575, 61.5292, 69.4595 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(168, 215, 209)` looks like.

```
.text, #text, p{  
    color:rgb(168, 215, 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(168, 215, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 215, 209) }
```

Border

The CSS property to change the border of an element to XYZ 51.9575, 61.5292, 69.4595 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(168, 215, 209) }
```


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

```
.border{ border-color:rgb(168, 215, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 215, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 215, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 215, 209);  
box-shadow:4px 4px 4px 4px rgb(168, 215,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 51.9575, 61.5292, 69.4595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 215, 209) }
```

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

```
.background{ background-color: rgb(168,  
215, 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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