

Converting Colors

XYZ(49.4551, 57.2513, 65.3895)

Have a look what the booklet for
XYZ(49.4551, 57.2513, 65.3895)
contains.

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Color

**XYZ(49.5741, 57.4203,
65.5971)**

Conversions

Conversions Part 1

Format	Color
Hex	A9CFCC
RGB	169, 207, 204
RGB Percent	66%, 81%, 80%
CMY	0.3372, 0.1882, 0.2000
CMYK	0.18, 0.00, 0.01, 0.19
HSL	175°, 28%, 74%
HSV	175°, 18%, 81%
XYZ	49.5741, 57.4203, 65.5971
YIQ	195.2960, -21.6850, -8.9890

Conversions

Conversions Part 2

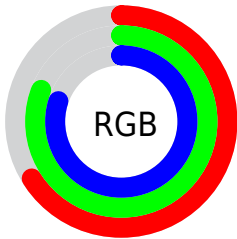
Format	Color
RYB	169, 189, 207
Decimal	11128780
CIELab	80.42, -13.11, -2.68
CIElCh	80, 13.377, 191.569
Yxy	57.4203, 0.2872, 0.3327
Android (android.graphics.Color)	4289318860 (0xFFA9CFCC)
YUV	195.2960, 4.2911, -23.0616
Hunter-Lab	75.7762, -15.8305, 1.7178

Details

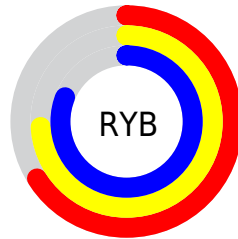
The XYZ color **49.5741, 57.4203, 65.5971** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **47.3686, 44.6215, 45.1485**, and the grayscale version is **52.0340, 54.7439, 59.6161**.

A 20% lighter version of the original color is **84.8613, 94.7476, 108.4232**, and **24.0987, 28.6975, 33.1232** is the 20% darker color. If you saturate the color by 10%, you get **45.2853, 55.2334, 64.3787**, and if you desaturate by 10%, it is **54.5714, 59.9752, 66.8618**.

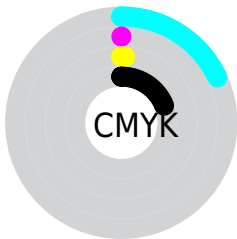
Distribution



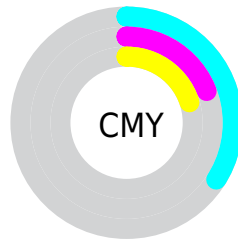
- Red (66%)
- Green (81%)
- Blue (80%)



- Red (66%)
- Yellow (74%)
- Blue (81%)



- Cyan (18%)
- Magenta (0%)
- Yellow (1%)
- Black (19%)



- Cyan (34%)
- Magenta (19%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.5741, 57.4203, 65.5971 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 49.5741, 57.4203, 65.5971 by changing the saturation by 10% instead.

■ 49.5741, 57.4203,
65.5971

■ 49.5741, 57.4203,
65.5971

375.4776,
415.0224, 463.2994

■ 35.2915, 41.3428,
47.4910

■ 88.7391, 101.0782,
114.5294

■ 24.0551, 28.5870,
33.0669

■ 114.3523,
129.4274, 146.1926

■ 15.4994, 18.7686,
21.9061

144.4730,
162.6359, 183.2119

■ 9.2592, 11.5032,
13.5903

179.4667,
201.0881, 226.0059

■ 4.9691, 6.4064,
7.7008

219.6986,
245.1685, 274.9931

■ 2.2637, 3.0937,
3.8191

265.5342,

■ 0.7760, 1.1809,

295.2614, 330.5921

1.5266

317.3387,
351.7512, 393.2213

■ 0.0000, 0.0460,
0.2376

■ 0.0000, 0.0000,
0.0000

■ 49.5741, 57.4203,
65.5971

■ 49.5741, 57.4203,
65.5971

■ 45.2853, 55.2334,
64.3787

■ 54.5714, 59.9752,
66.8618

■ 41.6670, 53.3904,
63.2013

■ 60.3030, 62.9069,
68.1705

■ 38.6851, 51.8753,
62.0643

■ 66.7995, 66.2328,
69.5257

■ 36.3008, 50.6680,
60.9659

■ 74.0885, 69.9669,
70.9290

■ 34.4707, 49.7461,
59.9041

■ 75.4602, 70.6503,
72.0661

■ 33.1459, 49.0845,
58.8765

■ 75.6679, 70.7333,
73.1597

■ 32.2686, 48.6534,
57.8804

■ 75.8777, 70.8173,
74.2644

■ 31.7511, 48.4075,
56.9117

■ 76.0896, 70.9020,
75.3802

■ 31.6790, 48.3738,
56.7543

■ 76.3036, 70.9876,
76.5070

Harmonies

Analogous

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



49.7274, 57.4203, 57.8692



49.5741, 57.4203, 65.5971



50.7274, 57.4203, 73.0804

Triad

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



49.5741, 57.4203, 65.5971



58.1485, 57.4203, 74.5071



56.2596, 57.4203, 49.2667

Complementary

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



49.5741, 57.4203, 65.5971



47.3686, 44.6215, 45.1485

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.



58.6151, 57.4203, 53.0311



49.5741, 57.4203, 65.5971



59.7305, 57.4203, 67.4155

Square

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



49.5741, 57.4203, 65.5971



55.6401, 57.4203, 78.5047



59.9041, 57.4203, 59.5425



53.5261, 57.4203, 48.8689

Rectangle

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



49.5741, 57.4203, 65.5971



52.1053, 57.4203, 76.7559



59.9041, 57.4203, 59.5425



57.1241, 57.4203, 50.1647

Sweetspot

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



49.5758, 57.4227, 65.5984



89.4493, 97.1352, 107.6250



46.5259, 56.2822, 45.9485



19.0211, 20.7271, 23.0068



0.0000, 0.0000, 0.0000



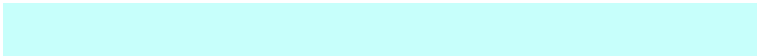
20.3446, 21.4041, 23.3091

Same Dimension

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



49.5758, 57.4227, 65.5984



76.6311, 90.5862, 104.3554



46.2936, 50.2763, 66.2986



12.1164, 13.3903, 14.9693



19.9746, 30.4828, 35.8419



1.1291, 1.7093, 2.0685

Inverse Universe

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



47.3686, 44.6215, 45.1485



72.4596, 66.3885, 65.7034



50.2097, 50.7602, 44.6885



11.8461, 11.8232, 12.4654



16.2870, 8.3876, 1.1515



0.9242, 0.4744, 0.1354

Previews

White Background



This preview shows how the XYZ color 49.5741, 57.4203, 65.5971 looks on a white background.

Color Contrast Check

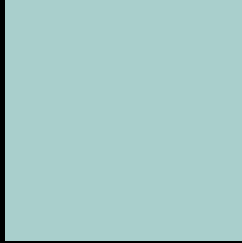
Large Text (above 18pt) WCAG AA × Fail

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 49.5741, 57.4203, 65.5971 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

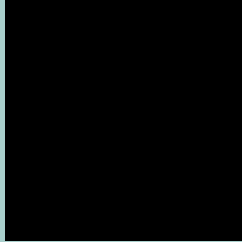
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.5741, 57.4203, 65.5971

Background



This preview shows how black text looks on a background with the XYZ color 49.5741, 57.4203, 65.5971.



This preview shows how white text looks on a background with the XYZ color 49.5741, 57.4203,

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

49.5741, 57.4203, 65.5971

Protanopia

54.8600, 57.0682, 62.1567

Deuteranopia

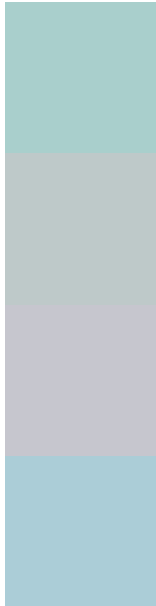
58.3568, 57.0920, 66.9756



Tritanopia

51.6573, 57.1768, 76.7202

Trichromacy



Original Color

49.5741, 57.4203, 65.5971

Protanomaly

52.6645, 56.9375, 63.4727

Deuteranomaly

54.6234, 56.8502, 66.4867

Tritanomaly

50.8916, 57.2269, 72.6536

Monochromacy



Original Color

49.5741, 57.4203, 65.5971

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

50.8662, 55.3632, 61.4313

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.5741, 57.4203, 65.5971 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(169, 207, 204)` looks like.

```
.text, #text, p{  
    color:rgb(169, 207, 204)  
}
```

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(169, 207, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 207, 204) }
```

Border

The CSS property to change the border of an element to XYZ 49.5741, 57.4203, 65.5971 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(169, 207, 204) }
```


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

```
.border{ border-color:rgb(169, 207, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 207, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 207, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 207, 204);  
box-shadow:4px 4px 4px 4px rgb(169, 207,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 49.5741, 57.4203, 65.5971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 207, 204) }
```

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

```
.background{ background-color: rgb(169,  
207, 204) }
```

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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