

Converting Colors

XYZ(49.7715, 57.2536, 61.7043)

Have a look what the booklet for
XYZ(49.7715, 57.2536, 61.7043)
contains.

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Color

**XYZ(49.7199, 57.2185,
61.8498)**

Conversions

Conversions Part 1

Format	Color
Hex	AECEC6
RGB	174, 206, 198
RGB Percent	68%, 81%, 78%
CMY	0.3176, 0.1921, 0.2235
CMYK	0.16, 0.00, 0.04, 0.19
HSL	165°, 25%, 75%
HSV	165°, 16%, 81%
XYZ	49.7199, 57.2185, 61.8498
YIQ	195.5200, -16.5040, -9.2720

Conversions

Conversions Part 2

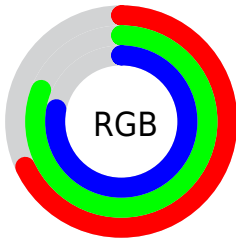
Format	Color
RYB	174, 192, 206
Decimal	11456198
CIELab	80.30, -12.22, 0.40
CIElCh	80, 12.231, 178.116
Yxy	57.2185, 0.2946, 0.3390
Android (android.graphics.Color)	4289646278 (0xFFAECEC6)
YUV	195.5200, 1.2226, -18.8730
Hunter-Lab	75.6429, -15.0475, 4.4713

Details

The XYZ color **49.7199, 57.2185, 61.8498** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **49.0352, 46.7728, 50.7022**, and the grayscale version is **52.1833, 54.9009, 59.7871**.

A 20% lighter version of the original color is **86.4431, 95.5630, 108.4972**, and **24.1474, 28.5350, 30.6207** is the 20% darker color. If you saturate the color by 10%, you get **44.8940, 54.7997, 58.5755**, and if you desaturate by 10%, it is **55.2731, 60.0130, 65.2660**.

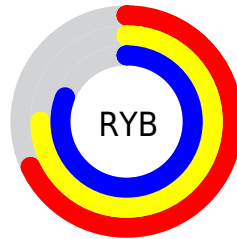
Distribution



Red (68%)

Green (81%)

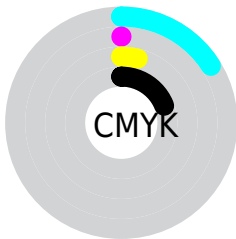
Blue (78%)



Red (68%)

Yellow (75%)

Blue (81%)

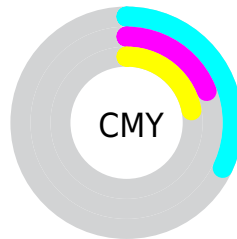


Cyan (16%)

Magenta (0%)

Yellow (4%)

Black (19%)



Cyan (32%)

Magenta (19%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.7199, 57.2185, 61.8498 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 49.7199, 57.2185, 61.8498 by changing the saturation by 10% instead.

■ 49.7199, 57.2185,
61.8498

■ 49.7199, 57.2185,
61.8498

376.0397,
414.2676, 449.3755

■ 35.4078, 41.1807,
44.4763

■ 88.9540, 100.7839,
109.0779

■ 24.1451, 28.4603,
30.7052

114.6068,
129.0804, 139.7696

■ 15.5666, 18.6729,
20.1179

144.7704,
162.2318, 175.7379

■ 9.3069, 11.4342,
12.2959

179.8103,
200.6226, 217.4012

■ 5.0006, 6.3597,
6.8205

220.0918,
244.6372, 265.1780

■ 2.2824, 3.0650,
3.2734

265.9803,

■ 0.7856, 1.1658,

294.6599, 319.4870

1.2359

317.8412,
351.0753, 380.7467

■ 0.0000, 0.0335,
0.0083

■ 0.0000, 0.0000,
0.0000

■ 49.7199, 57.2185,
61.8498

■ 49.7199, 57.2185,
61.8498

■ 44.8940, 54.7997,
58.5755

■ 55.2731, 60.0130,
65.2660

■ 40.7584, 52.7329,
55.4368

■ 61.5789, 63.1916,
68.8228

■ 37.2801, 51.0027,
52.4324

■ 68.6673, 66.7712,
72.5238

■ 34.4214, 49.5896,
49.5593

■ 76.0470, 70.4986,
76.3469

■ 32.1407, 48.4722,
46.8145

■ 76.7343, 70.7735,
79.9664

■ 30.3911, 47.6264,
44.1948

■ 77.4428, 71.0569,
83.6973

■ 29.1182, 47.0242,
41.6965

■ 78.1726, 71.3488,
87.5406

■ 28.2553, 46.6312,
39.3153

■ 78.9240, 71.6494,
91.4973

■ 27.9459, 46.4941,
38.2869

■ 79.6971, 71.9586,
95.5684

Harmonies

Analogous

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



50.4038, 57.2185, 55.3085



49.7199, 57.2185, 61.8498



50.2537, 57.2185, 69.0173

Triad

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



49.7199, 57.2185, 61.8498



56.6816, 57.2185, 75.2502



56.9634, 57.2185, 51.3267

Complementary

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



49.7199, 57.2185, 61.8498



49.0352, 46.7728, 50.7022

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.



58.7356, 57.2185, 56.0356



49.7199, 57.2185, 61.8498



58.5694, 57.2185, 69.8598

Square

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



49.7199, 57.2185, 61.8498



54.2266, 57.2185, 77.0994



59.3320, 57.2185, 62.7548



54.5426, 57.2185, 49.5292

Rectangle

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



49.7199, 57.2185, 61.8498



51.2378, 57.2185, 73.1237



59.3320, 57.2185, 62.7548



57.6574, 57.2185, 52.6030

Sweetspot

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



49.7215, 57.2209, 61.8511



90.0047, 97.4578, 106.0065



49.1307, 57.2112, 48.4987



19.1183, 20.7863, 22.6037



0.0000, 0.0000, 0.0000



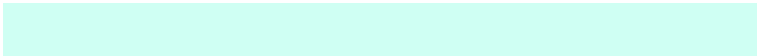
20.3446, 21.4041, 23.3091

Same Dimension

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



49.7215, 57.2209, 61.8511



77.5267, 91.1847, 98.2165



48.9141, 54.0895, 66.2576



11.4187, 12.6772, 13.7624



17.2479, 28.6445, 23.7885



0.9190, 1.4894, 1.3811

Inverse Universe

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



49.0352, 46.7728, 50.7022



76.1862, 70.7648, 76.4311



49.7144, 49.4173, 46.9636



11.3255, 11.2589, 12.2487



16.0817, 8.2432, 2.8827



0.8610, 0.4378, 0.3138

Previews

White Background



This preview shows how the XYZ color 49.7199, 57.2185, 61.8498 looks on a white background.

Color Contrast Check

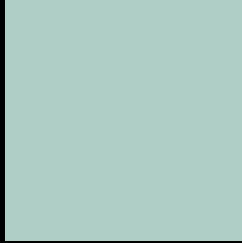
Large Text (above 18pt) WCAG AA × Fail

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 49.7199, 57.2185, 61.8498 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

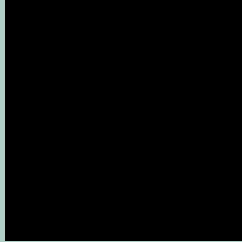
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.7199, 57.2185, 61.8498

Background



This preview shows how black text looks on a background with the XYZ color 49.7199, 57.2185, 61.8498.



This preview shows how white text looks on a background with the XYZ color 49.7199, 57.2185,

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

49.7199, 57.2185, 61.8498

Protanopia

54.7216, 57.0758, 58.5847

Deuteranopia

58.2279, 57.1087, 63.2125



Tritanopia

52.5022, 57.2913, 75.3090

Trichromacy



Original Color

49.7199, 57.2185, 61.8498

Protanomaly

52.7293, 57.0509, 59.8625

Deuteranomaly

54.7068, 56.9758, 62.7577

Tritanomaly

51.4822, 57.2360, 69.9623

Monochromacy



Original Color

49.7199, 57.2185, 61.8498

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

51.4714, 56.0311, 60.9256

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.7199, 57.2185, 61.8498 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(174, 206, 198)` looks like.

```
.text, #text, p{  
    color:rgb(174, 206, 198)  
}
```

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(174, 206, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 206, 198) }
```

Border

The CSS property to change the border of an element to XYZ 49.7199, 57.2185, 61.8498 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(174, 206, 198) }
```


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

```
.border{ border-color:rgb(174, 206, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 206, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(174, 206, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(174, 206, 198); box-shadow:4px 4px 4px 4px rgb(174, 206, 198) }
```

Background

The CSS property to change the background color of an element to XYZ 49.7199, 57.2185, 61.8498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 206, 198) }
```

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

```
.background{ background-color: rgb(174,  
206, 198) }
```

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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