

Converting Colors

XYZ(49.2828, 57.4301, 58.3568)

Have a look what the booklet for
XYZ(49.2828, 57.4301, 58.3568)
contains.

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Color

**XYZ(49.2828, 57.4301,
58.3568)**

Conversions

Conversions Part 1

Format	Color
Hex	AECFC0
RGB	174, 207, 192
RGB Percent	68%, 81%, 75%
CMY	0.3176, 0.1882, 0.2471
CMYK	0.16, 0.00, 0.07, 0.19
HSL	153°, 26%, 75%
HSV	153°, 16%, 81%
XYZ	49.2828, 57.4301, 58.3568
YIQ	195.4230, -14.8530, -11.6610

Conversions

Conversions Part 2

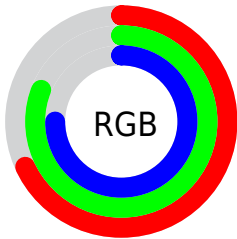
Format	Color
RYB	174, 195, 207
Decimal	11456448
CIELab	80.42, -13.92, 3.79
CIELCh	80, 14.425, 164.787
Yxy	57.4301, 0.2986, 0.3479
Android (android.graphics.Color)	4289646528 (0xFFAECFC0)
YUV	195.4230, -1.6875, -18.7880
Hunter-Lab	75.7826, -16.5379, 7.3913

Details

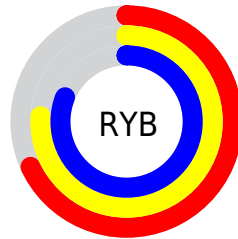
The XYZ color **49.2828, 57.4301, 58.3568** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.0555, 47.2131, 54.6215**, and the grayscale version is **52.1415, 54.8569, 59.7392**.

A 20% lighter version of the original color is **85.3364, 95.1203, 102.6693**, and **23.9366, 28.7115, 28.7064** is the 20% darker color. If you saturate the color by 10%, you get **44.0124, 54.8314, 52.8408**, and if you desaturate by 10%, it is **55.3338, 60.4267, 64.2598**.

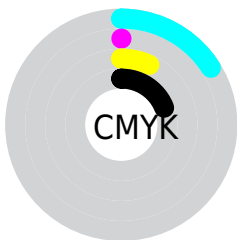
Distribution



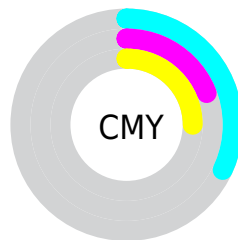
- Red (68%)
- Green (81%)
- Blue (75%)



- Red (68%)
- Yellow (76%)
- Blue (81%)



- Cyan (16%)
- Magenta (0%)
- Yellow (7%)
- Black (19%)



- Cyan (32%)
- Magenta (19%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.2828, 57.4301, 58.3568 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 49.2828, 57.4301, 58.3568 by changing the saturation by 10% instead.

■ 49.2828, 57.4301,
58.3568

■ 49.2828, 57.4301,
58.3568

374.3531,
415.0590, 436.1495

■ 35.0593, 41.3507,
41.6790

■ 88.3095, 101.0925,
103.9622

■ 23.8753, 28.5932,
28.5263

113.8435,
129.4442, 133.7268

■ 15.3654, 18.7733,
18.4803

143.8783,
162.6555, 168.6907

■ 9.1642, 11.5066,
11.1224

178.7794,
201.1107, 209.2726

■ 4.9064, 6.4087,
6.0340

218.9121,
245.1943, 255.8908

■ 2.2266, 3.0951,
2.7966

264.6417,

■ 0.7567, 1.1816,

295.2906, 308.9640

0.9918

316.3335,
351.7840, 368.9107

■ 0.0000, 0.0466,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 49.2828, 57.4301,
58.3568

■ 49.2828, 57.4301,
58.3568

■ 44.0124, 54.8314,
52.8408

■ 55.3338, 60.4267,
64.2598

■ 39.4842, 52.6061,
47.7000

■ 62.1922, 63.8301,
70.5537

■ 35.6634, 50.7381,
42.9272

■ 69.8892, 67.6579,
77.2474

■ 32.5108, 49.2073,
38.5139

■ 77.7867, 71.5809,
84.3169

■ 29.9828, 47.9914,
34.4508

■ 79.1417, 72.1230,
91.4524

■ 28.0307, 47.0653,
30.7285

■ 80.5692, 72.6939,
98.9692

■ 26.5976, 46.4002,
27.3367

■ 81.6039, 73.1078,
104.4180

■ 25.6134, 45.9598,
24.2643

■ 25.2890, 45.8179,
23.1046

Harmonies

Analogous

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



50.6788, 57.4301, 51.6759



49.2828, 57.4301, 58.3568



49.2726, 57.4301, 66.7787

Triad

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



49.2828, 57.4301, 58.3568



56.0491, 57.4301, 79.6272



58.7196, 57.4301, 51.7513

Complementary

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



49.2828, 57.4301, 58.3568



50.0555, 47.2131, 54.6215

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.



60.2674, 57.4301, 58.4685



49.2828, 57.4301, 58.3568



58.6882, 57.4301, 74.8102

Square

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



49.2828, 57.4301, 58.3568



53.1077, 57.4301, 79.5904



60.2557, 57.4301, 66.9009



56.0906, 57.4301, 48.1031

Rectangle

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



49.2828, 57.4301, 58.3568



50.0496, 57.4301, 72.2856



60.2557, 57.4301, 66.9009



59.3877, 57.4301, 53.6971

Sweetspot

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



49.2844, 57.4325, 58.3581



89.5945, 97.2938, 103.8468



51.0404, 58.5543, 48.6572



19.0186, 20.7464, 22.0783



0.0000, 0.0000, 0.0000



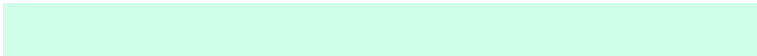
20.3446, 21.4041, 23.3091

Same Dimension

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



49.2844, 57.4325, 58.3581



76.0710, 90.6024, 90.5506



50.7672, 57.6007, 67.4767



11.9221, 13.3126, 13.9464



15.9808, 28.8852, 14.8107



0.9333, 1.6310, 1.0375

Inverse Universe

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



50.0555, 47.2131, 54.6215



77.5275, 71.3013, 83.4945



48.7233, 47.0216, 46.5533



12.0290, 11.8963, 13.4285



17.5347, 8.8867, 7.7216



1.0202, 0.5128, 0.6412

Previews

White Background



This preview shows how the XYZ color 49.2828, 57.4301, 58.3568 looks on a white background.

Color Contrast Check

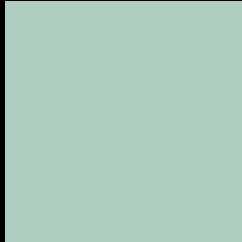
Large Text (above 18pt) WCAG AA × Fail

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 49.2828, 57.4301, 58.3568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

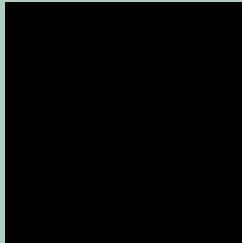
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.2828, 57.4301, 58.3568

Background



This preview shows how black text looks on a background with the XYZ color 49.2828, 57.4301, 58.3568.



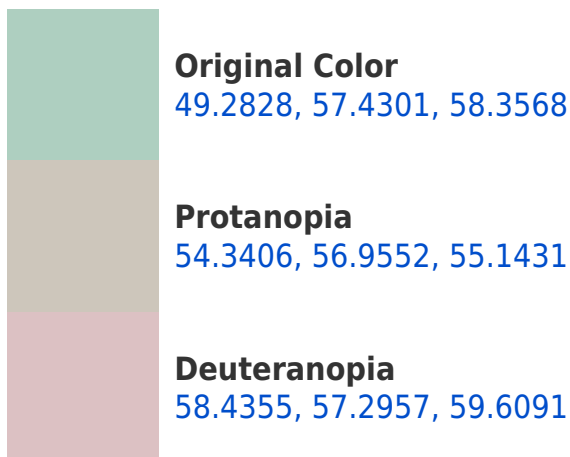
This preview shows how white text looks on a background with the XYZ color 49.2828, 57.4301, 58.3568.

58.3568.

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





Tritanopia

52.7325, 57.4101, 75.3198

Trichromacy



Original Color

49.2828, 57.4301, 58.3568

Protanomaly

52.3201, 56.9167, 56.3726

Deuteranomaly

54.5603, 56.9797, 59.1615

Tritanomaly

51.2330, 57.1363, 68.6497

Monochromacy



Original Color

49.2828, 57.4301, 58.3568

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

50.6545, 55.3067, 59.0444

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.2828, 57.4301, 58.3568 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, 207, 192)` looks like.

```
.text, #text, p{  
    color:rgb(174, 207, 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(174, 207, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 207, 192) }
```

Border

The CSS property to change the border of an element to XYZ 49.2828, 57.4301, 58.3568 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, 207, 192) }
```


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

```
.border{ border-color:rgb(174, 207, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 207, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 207, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 207, 192);  
box-shadow:4px 4px 4px 4px rgb(174, 207,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 49.2828, 57.4301, 58.3568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 207, 192) }
```

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

```
.background{ background-color: rgb(174,  
207, 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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