

Converting Colors

XYZ(49.2938, 58.1030, 53.7332)

Have a look what the booklet for
XYZ(49.2938, 58.1030, 53.7332)
contains.

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Color

**XYZ(49.3567, 58.2917,
53.9975)**

Conversions

Conversions Part 1

Format	Color
Hex	B0D1B8
RGB	176, 209, 184
RGB Percent	69%, 82%, 72%
CMY	0.3098, 0.1804, 0.2784
CMYK	0.16, 0.00, 0.12, 0.18
HSL	135°, 26%, 75%
HSV	135°, 16%, 82%
XYZ	49.3567, 58.2917, 53.9975
YIQ	196.2830, -11.6430, -14.7710

Conversions

Conversions Part 2

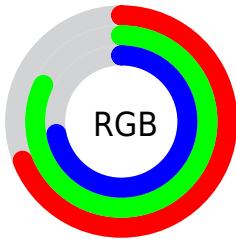
Format	Color
RYB	176, 203, 209
Decimal	11588024
CIELab	80.90, -15.79, 8.76
CIElCh	81, 18.056, 150.966
Yxy	58.2917, 0.3053, 0.3606
Android (android.graphics.Color)	4289778104 (0xFFB0D1B8)
YUV	196.2830, -6.0555, -17.7882
Hunter-Lab	76.3490, -18.2174, 11.5117

Details

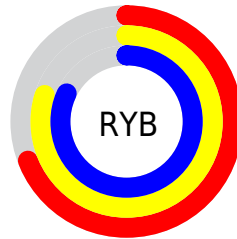
The XYZ color **49.3567, 58.2917, 53.9975** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **52.3645, 48.8245, 61.9251**, and the grayscale version is **52.6807, 55.4242, 60.3570**.

A 20% lighter version of the original color is **84.7669, 94.9671, 96.3009**, and **23.9865, 29.2923, 25.8625** is the 20% darker color. If you saturate the color by 10%, you get **43.4221, 55.4151, 45.5354**, and if you desaturate by 10%, it is **56.2080, 61.6227, 63.4748**.

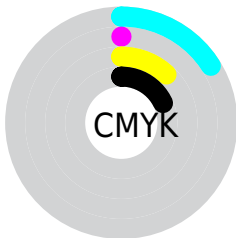
Distribution



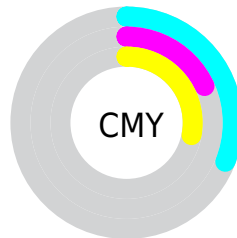
- Red (69%)
- Green (82%)
- Blue (72%)



- Red (69%)
- Yellow (80%)
- Blue (82%)



- Cyan (16%)
- Magenta (0%)
- Yellow (12%)
- Black (18%)



- Cyan (31%)
- Magenta (18%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.3567, 58.2917, 53.9975 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 49.3567, 58.2917, 53.9975 by changing the saturation by 10% instead.

■ 49.3567, 58.2917,
53.9975

■ 49.3567, 58.2917,
53.9975

374.6386,
418.2720, 419.2748

■ 35.1182, 42.0432,
38.2065

■ 88.4185, 102.3475,
97.5269

■ 23.9209, 29.1351,
25.8399

113.9726,
130.9236, 126.1025

■ 15.3994, 19.1831,
16.4792

144.0293,
164.3777, 159.7766

■ 9.1883, 11.8026,
9.7059

178.9538,
203.0942, 198.9678

■ 4.9223, 6.6094,
5.1013

219.1117,
247.4575, 244.0947

■ 2.2360, 3.2191,
2.2471

264.8682,

■ 0.7616, 1.2471,

297.8520, 295.5758

0.7013

316.5887,
354.6620, 353.8297

■ 0.0000, 0.0997,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 49.3567, 58.2917,
53.9975

■ 49.3567, 58.2917,
53.9975

■ 43.4221, 55.4151,
45.5354

■ 56.2080, 61.6227,
63.4748

■ 38.3600, 52.9659,
38.0510

■ 64.0079, 65.4189,
73.9956

■ 34.1298, 50.9256,
31.5100

■ 72.7930, 69.7002,
85.5917

■ 30.6860, 49.2714,
25.8749

■ 80.8822, 73.5994,
98.2122

■ 27.9780, 47.9781,
21.1054

■ 82.0916, 74.0831,
104.5805

■ 25.9498, 47.0178,
17.1584

■ 24.5363, 46.3578,
13.9866

■ 23.6585, 45.9586,
11.5382

■ 23.3917, 45.8392,
10.7083

Harmonies

Analogous

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



51.7891, 58.2917, 47.4095



49.3567, 58.2917, 53.9975



48.5264, 58.2917, 63.8174

Triad

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



49.3567, 58.2917, 53.9975



55.5258, 58.2917, 86.3480



61.7968, 58.2917, 53.4596

Complementary

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



49.3567, 58.2917, 53.9975



52.3645, 48.8245, 61.9251

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.



62.9037, 58.2917, 63.1233



49.3567, 58.2917, 53.9975



59.1844, 58.2917, 82.8003

Square

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



49.3567, 58.2917, 53.9975



51.9900, 58.2917, 83.2153



61.9272, 58.2917, 73.9896



58.9653, 58.2917, 47.1243

Rectangle

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



49.3567, 58.2917, 53.9975



48.9622, 58.2917, 71.1213



61.9272, 58.2917, 73.9896



62.3885, 58.2917, 56.3876

Sweetspot

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



49.3583, 58.2942, 53.9988



88.9973, 97.0549, 100.7020



54.8073, 61.1974, 49.9987



18.8736, 20.6884, 21.3150



0.0000, 0.0000, 0.0000



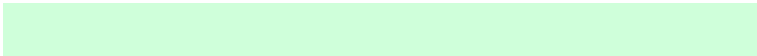
20.3446, 21.4041, 23.3091

Same Dimension

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



49.3583, 58.2942, 53.9988



74.0601, 89.7981, 79.9615



51.1555, 59.0131, 63.4629



11.7721, 13.2526, 13.1564



14.4548, 28.2749, 6.7751



0.8402, 1.5938, 0.5474

Inverse Universe

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



52.3645, 48.8245, 61.9251



79.6602, 72.1544, 94.7249



50.5575, 48.1016, 52.4095



12.1832, 11.9580, 14.2404



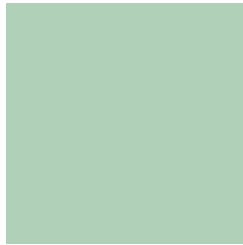
20.0760, 9.9032, 21.1042



1.1526, 0.5658, 1.3385

Previews

White Background



This preview shows how the XYZ color 49.3567, 58.2917, 53.9975 looks on a white background.

Color Contrast Check

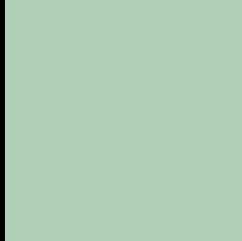
Large Text (above 18pt) WCAG AA × Fail

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 49.3567, 58.2917, 53.9975 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

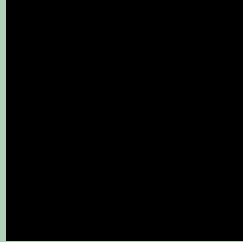
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.3567, 58.2917, 53.9975

Background



This preview shows how black text looks on a background with the XYZ color 49.3567, 58.2917, 53.9975.



This preview shows how white text looks on a background with the XYZ color 49.3567, 58.2917,

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

49.3567, 58.2917, 53.9975

Protanopia

55.0855, 58.1185, 50.9625

Deuteranopia

59.0909, 57.7353, 55.0433



Tritanopia

53.8025, 58.2981, 76.1271

Trichromacy



Original Color

49.3567, 58.2917, 53.9975

Protanomaly

52.7224, 57.9184, 52.1167

Deuteranomaly

55.0185, 57.6574, 54.6836

Tritanomaly

52.1562, 58.3509, 67.5454

Monochromacy



Original Color

49.3567, 58.2917, 53.9975

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

51.3873, 56.3979, 58.0466

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.3567, 58.2917, 53.9975 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(176, 209, 184)` looks like.

```
.text, #text, p{  
    color:rgb(176, 209, 184)  
}
```

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(176, 209, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 209, 184) }
```

Border

The CSS property to change the border of an element to XYZ 49.3567, 58.2917, 53.9975 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(176, 209, 184) }
```


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

```
.border{ border-color:rgb(176, 209, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 209, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 209, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 209, 184);  
box-shadow:4px 4px 4px 4px rgb(176, 209,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 49.3567, 58.2917, 53.9975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 209, 184) }
```

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

```
.background{ background-color: rgb(176,  
209, 184) }
```

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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