

Converting Colors

XYZ(49.1330, 58.1782, 55.5607)

Have a look what the booklet for
XYZ(49.1330, 58.1782, 55.5607)
contains.

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Color

**XYZ(49.2257, 58.1875,
55.6505)**

Conversions

Conversions Part 1

Format	Color
Hex	AED1BB
RGB	174, 209, 187
RGB Percent	68%, 82%, 73%
CMY	0.3176, 0.1804, 0.2667
CMYK	0.17, 0.00, 0.11, 0.18
HSL	142°, 28%, 75%
HSV	142°, 17%, 82%
XYZ	49.2257, 58.1875, 55.6505
YIQ	196.0270, -13.7980, -14.2620

Conversions

Conversions Part 2

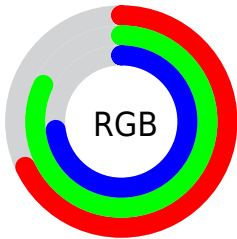
Format	Color
RYB	174, 200, 209
Decimal	11456955
CIELab	80.84, -15.89, 7.06
CIElCh	81, 17.393, 156.037
Yxy	58.1875, 0.3019, 0.3568
Android (android.graphics.Color)	4289647035 (0xFFAED1BB)
YUV	196.0270, -4.4503, -19.3177
Hunter-Lab	76.2807, -18.3011, 10.1416

Details

The XYZ color **49.2257, 58.1875, 55.6505** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **51.3965, 47.8144, 58.7476**, and the grayscale version is **52.5187, 55.2537, 60.1713**.

A 20% lighter version of the original color is **84.5708, 94.8141, 98.6376**, and **23.7438, 28.8974, 26.8806** is the 20% darker color. If you saturate the color by 10%, you get **43.5842, 55.4360, 48.3777**, and if you desaturate by 10%, it is **55.7236, 61.3689, 63.6376**.

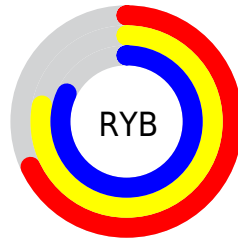
Distribution



Red (68%)

Green (82%)

Blue (73%)



Red (68%)

Yellow (78%)

Blue (82%)

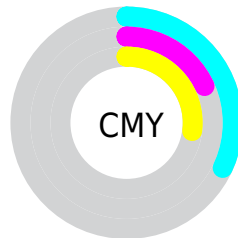


Cyan (17%)

Magenta (0%)

Yellow (11%)

Black (18%)



Cyan (32%)


Magenta (18%)

Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.2257, 58.1875, 55.6505 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 49.2257, 58.1875, 55.6505 by changing the saturation by 10% instead.


 49.2257, 58.1875,
55.6505

 49.2257, 58.1875,
55.6505


374.1324,
417.8842, 425.7243

 35.0138, 41.9594,
39.5207


 88.2253, 102.1959,
99.9741

 23.8401, 29.0695,
26.8541


113.7437,
130.7449, 129.0049

 15.3391, 19.1334,
17.2322


143.7617,
164.1697, 163.1731

 9.1456, 11.7667,
10.2365

178.6446,
202.8547, 202.8973

 4.8941, 6.5850,
5.4484

218.7577,
247.1843, 248.5960

 2.2194, 3.2040,
2.4494

264.4665,

 0.7529, 1.2391,

297.5428, 300.6877

0.8131

316.1363,
354.3146, 359.5909

■ 0.0000, 0.0933,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 49.2257, 58.1875,
55.6505

■ 49.2257, 58.1875,
55.6505

■ 43.5842, 55.4360,
48.3777

■ 55.7236, 61.3689,
63.6376

■ 38.7575, 53.0884,
41.7957

■ 63.1077, 64.9903,
72.3541

■ 34.7076, 51.1273,
35.8852

■ 71.4122, 69.0705,
81.8192

■ 31.3915, 49.5307,
30.6247

■ 79.7036, 73.1280,
92.0055

■ 28.7617, 48.2748,
25.9913

■ 81.7222, 73.9354,
102.6354

■ 26.7649, 47.3326,
21.9610

■ 82.0916, 74.0832,
104.5805

■ 25.3394, 46.6727,
18.5079

■ 24.4057, 46.2547,
15.6037

■ 24.1633, 46.1478,
14.7710

Harmonies

Analogous

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



51.3373, 58.1875, 48.6570



49.2257, 58.1875, 55.6505



48.7116, 58.1875, 65.4614

Triad

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



49.2257, 58.1875, 55.6505



56.0357, 58.1875, 85.1551



61.0861, 58.1875, 52.4079

Complementary

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



49.2257, 58.1875, 55.6505



51.3965, 47.8144, 58.7476

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.



62.4690, 58.1875, 61.2968



49.2257, 58.1875, 55.6505



59.4730, 58.1875, 80.7527

Square

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



49.2257, 58.1875, 55.6505



52.5450, 58.1875, 83.2252



61.8663, 58.1875, 71.7425



58.1610, 58.1875, 46.9317

Rectangle

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



49.2257, 58.1875, 55.6505



49.3236, 58.1875, 72.4503



61.8663, 58.1875, 71.7425



61.7524, 58.1875, 55.0570

Sweetspot

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



49.2273, 58.1900, 55.6518



89.2501, 97.1560, 102.0328



53.2510, 60.4178, 48.9004



18.9349, 20.7129, 21.6377



0.0000, 0.0000, 0.0000



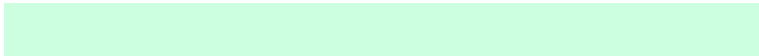
20.3446, 21.4041, 23.3091

Same Dimension

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



49.2273, 58.1900, 55.6518



73.9732, 89.6819, 83.1820



51.1971, 58.9779, 66.0247



11.8353, 13.2779, 13.4889



14.9415, 28.4695, 9.3382



0.8734, 1.6070, 0.7218

Inverse Universe

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



51.3965, 47.8144, 58.7476



77.9817, 70.5053, 88.9005



49.5354, 47.0700, 48.9470



12.1168, 11.9315, 13.8909



18.8032, 9.3941, 14.4019



1.0890, 0.5403, 1.0036

Previews

White Background



This preview shows how the XYZ color 49.2257, 58.1875, 55.6505 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 49.2257, 58.1875, 55.6505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

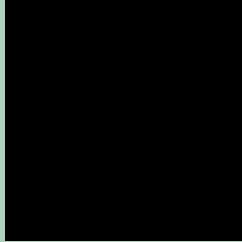
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.2257, 58.1875, 55.6505

Background



This preview shows how black text looks on a background with the XYZ color 49.2257, 58.1875, 55.6505.



This preview shows how white text looks on a background with the XYZ color 49.2257, 58.1875,

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

49.2257, 58.1875, 55.6505

Protanopia

55.1102, 58.0958, 52.5650

Deuteranopia

58.7957, 57.5456, 56.7237



Tritanopia

53.3335, 58.0563, 76.1052

Trichromacy



Original Color

49.2257, 58.1875, 55.6505

Protanomaly

52.7726, 57.9083, 53.7434

Deuteranomaly

54.7856, 57.5001, 56.3552

Tritanomaly

51.8166, 58.1617, 68.1698

Monochromacy



Original Color

49.2257, 58.1875, 55.6505

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

51.2513, 56.3149, 58.6207

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.2257, 58.1875, 55.6505 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, 209, 187)` looks like.

```
.text, #text, p{  
    color:rgb(174, 209, 187)  
}
```

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, 209, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 209, 187) }
```

Border

The CSS property to change the border of an element to XYZ 49.2257, 58.1875, 55.6505 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, 209, 187) }
```


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

```
.border{ border-color:rgb(174, 209, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 209, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 209, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 209, 187);  
box-shadow:4px 4px 4px 4px rgb(174, 209,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 49.2257, 58.1875, 55.6505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 209, 187) }
```

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

```
.background{ background-color: rgb(174,  
209, 187) }
```

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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