

Converting Colors

XYZ(47.4574, 58.3512, 55.6365)

Have a look what the booklet for
XYZ(47.4574, 58.3512, 55.6365)
contains.

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Color

**XYZ(47.4134, 58.3562,
55.7786)**

Conversions

Conversions Part 1

Format	Color
Hex	A2D4BB
RGB	162, 212, 187
RGB Percent	64%, 83%, 73%
CMY	0.3647, 0.1686, 0.2667
CMYK	0.24, 0.00, 0.12, 0.17
HSL	150°, 37%, 73%
HSV	150°, 24%, 83%
XYZ	47.4134, 58.3562, 55.7786
YIQ	194.2000, -21.7750, -18.3750

Conversions

Conversions Part 2

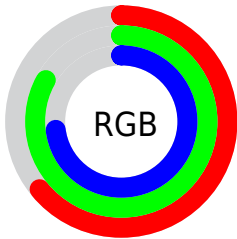
Format	Color
RYB	162, 195, 212
Decimal	10671291
CIELab	80.94, -21.29, 7.10
CIELCh	81, 22.440, 161.547
Yxy	58.3562, 0.2935, 0.3612
Android (android.graphics.Color)	4288861371 (0xFFA2D4BB)
YUV	194.2000, -3.5496, -28.2394
Hunter-Lab	76.3912, -22.8959, 10.1821

Details

The XYZ color **47.4134, 58.3562, 55.7786** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **49.0434, 43.4270, 52.8136**, and the grayscale version is **51.4275, 54.1057, 58.9211**.

A 20% lighter version of the original color is **80.8511, 92.8965, 98.4635**, and **22.6667, 29.0864, 26.9738** is the 20% darker color. If you saturate the color by 10%, you get **42.3715, 55.8849, 49.8362**, and if you desaturate by 10%, it is **53.2684, 61.2401, 62.1989**.

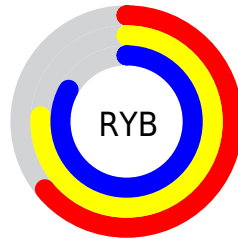
Distribution



Red (64%)

Green (83%)

Blue (73%)



Red (64%)

Yellow (76%)

Blue (83%)

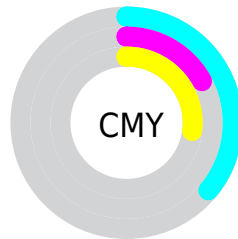


Cyan (24%)

Magenta (0%)

Yellow (12%)

Black (17%)



Cyan (36%)


Magenta (17%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.4134, 58.3562, 55.7786 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 47.4134, 58.3562, 55.7786 by changing the saturation by 10% instead.


 47.4134, 58.3562,
55.7786


 47.4134, 58.3562,
55.7786


367.0837,
418.5119, 426.2214

 33.5719, 42.0951,
39.6226


 85.5454, 102.4414,
100.1634

 22.7262, 29.1757,
26.9329


 110.5665,
131.0342, 129.2292

 14.5111, 19.2138,
17.2908


140.0450,
164.5065, 163.4355

 8.5610, 11.8249,
10.2779

174.3460,
203.2425, 203.2007

 4.5108, 6.6245,
5.4756

213.8351,
247.6266, 248.9433

 1.9950, 3.2284,
2.4654

258.8775,

 0.6311, 1.2521,

298.0433, 301.0820

0.8217

309.8385,
354.8769, 360.0352

■ 0.0000, 0.1037,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 47.4134, 58.3562,
55.7786

■ 47.4134, 58.3562,
55.7786

■ 42.3715, 55.8849,
49.8362

■ 53.2684, 61.2401,
62.1989

■ 38.0996, 53.7996,
44.3565

■ 59.9671, 64.5476,
69.1040

■ 34.5580, 52.0814,
39.3294

■ 67.5446, 68.2979,
76.5055

■ 31.7012, 50.7072,
34.7426

■ 76.0325, 72.5074,
84.4135

■ 29.4783, 49.6510,
30.5833

■ 80.5136, 74.6408,
92.6061

■ 27.8309, 48.8830,
26.8379

■ 82.1352, 75.2894,
101.1452

■ 26.6887, 48.3670,
23.4917

■ 82.8346, 75.5691,
104.8282

■ 26.1459, 48.1297,
21.5465

Harmonies

Analogous

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



49.7475, 58.3562, 46.2461



47.4134, 58.3562, 55.7786



47.1629, 58.3562, 68.8021

Triad

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



47.4134, 58.3562, 55.7786



57.2740, 58.3562, 92.0583



62.4263, 58.3562, 48.0323

Complementary

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



47.4134, 58.3562, 55.7786



49.0434, 43.4270, 52.8136

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.



64.6901, 58.3562, 58.5533



47.4134, 58.3562, 55.7786



61.6064, 58.3562, 84.6832

Square

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



47.4134, 58.3562, 55.7786



52.6851, 58.3562, 91.0405



64.3819, 58.3562, 71.9899



58.3427, 58.3562, 42.2234

Rectangle

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



47.4134, 58.3562, 55.7786



48.1934, 58.3562, 77.8931



64.3819, 58.3562, 71.9899



63.4354, 58.3562, 51.0682

Sweetspot

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



47.4150, 58.3586, 55.7799



87.3812, 96.2088, 101.2134



50.7651, 60.3684, 43.1599



18.5683, 20.5260, 21.5257



0.0000, 0.0000, 0.0000



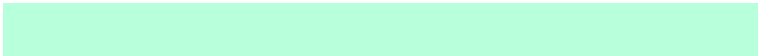
20.3446, 21.4041, 23.3091

Same Dimension

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



47.4150, 58.3586, 55.7799



68.2569, 86.7912, 80.3785



50.2245, 59.4824, 70.5746



12.5188, 13.9985, 14.5463



16.1910, 29.7318, 13.5675



1.0183, 1.8100, 1.0384

Inverse Universe

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



49.0434, 43.4270, 52.8136



71.1235, 60.5054, 75.1566



46.6693, 42.4774, 40.3121



12.6796, 12.5234, 14.2532



18.4188, 9.3038, 9.5092



1.1527, 0.5779, 0.7936

Previews

White Background



This preview shows how the XYZ color 47.4134, 58.3562, 55.7786 looks on a white background.

Color Contrast Check

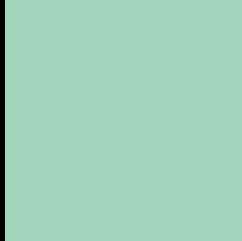
Large Text (above 18pt) WCAG AA × Fail

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 47.4134, 58.3562, 55.7786 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

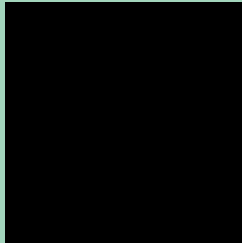
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

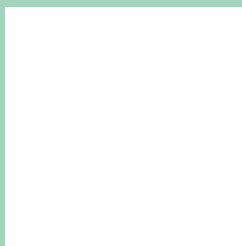
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.4134, 58.3562, 55.7786

Background



This preview shows how black text looks on a background with the XYZ color 47.4134, 58.3562, 55.7786.



This preview shows how white text looks on a background with the XYZ color 47.4134, 58.3562,

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

47.4134, 58.3562, 55.7786

Protanopia

55.1870, 58.1592, 51.4972

Deuteranopia

59.1272, 58.0331, 57.3754



Tritanopia

51.9943, 58.3884, 78.3417

Trichromacy



Original Color

47.4134, 58.3562, 55.7786

Protanomaly

51.8783, 57.8111, 53.2241

Deuteranomaly

54.2683, 57.9085, 57.0324

Tritanomaly

50.1592, 58.3611, 69.5939

Monochromacy



Original Color

47.4134, 58.3562, 55.7786

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

49.5820, 55.4800, 57.3857

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.4134, 58.3562, 55.7786 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(162, 212, 187)` looks like.

```
.text, #text, p{  
    color:rgb(162, 212, 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(162, 212, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 212, 187) }
```

Border

The CSS property to change the border of an element to XYZ 47.4134, 58.3562, 55.7786 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(162, 212, 187) }
```


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

```
.border{ border-color:rgb(162, 212, 187) }
```

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

Here you see how a box with a 4 pixel rgb(162, 212, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 212, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 212, 187);  
box-shadow:4px 4px 4px 4px rgb(162, 212,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 47.4134, 58.3562, 55.7786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 212, 187) }
```

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

```
.background{ background-color: rgb(162,  
212, 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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