

Converting Colors

XYZ(47.3585, 57.9893, 59.4885)

Have a look what the booklet for
XYZ(47.3585, 57.9893, 59.4885)
contains.

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Color

**XYZ(47.3299, 57.8545,
59.7114)**

Conversions

Conversions Part 1

Format	Color
Hex	9FD3C2
RGB	159, 211, 194
RGB Percent	62%, 83%, 76%
CMY	0.3765, 0.1725, 0.2392
CMYK	0.25, 0.00, 0.08, 0.17
HSL	160°, 37%, 73%
HSV	160°, 25%, 83%
XYZ	47.3299, 57.8545, 59.7114
YIQ	193.5140, -25.5350, -16.3110

Conversions

Conversions Part 2

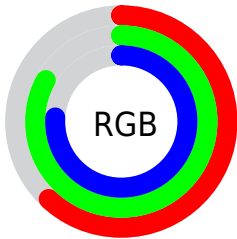
Format	Color
RYB	159, 190, 211
Decimal	10474434
CIELab	80.66, -20.32, 2.95
CIElCh	81, 20.530, 171.749
Yxy	57.8545, 0.2870, 0.3509
Android (android.graphics.Color)	4288664514 (0xFF9FD3C2)
YUV	193.5140, 0.2396, -30.2688
Hunter-Lab	76.0621, -22.0366, 6.6988

Details

The XYZ color **47.3299, 57.8545, 59.7114** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **47.1006, 41.7812, 46.6587**, and the grayscale version is **51.0018, 53.6579, 58.4334**.

A 20% lighter version of the original color is **81.0397, 92.8692, 104.0968**, and **22.5659, 28.7346, 29.1679** is the 20% darker color. If you saturate the color by 10%, you get **42.7409, 55.5778, 55.5462**, and if you desaturate by 10%, it is **52.6724, 60.5186, 64.1021**.

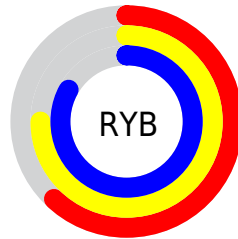
Distribution



Red (62%)

Green (83%)

Blue (76%)



Red (62%)

Yellow (75%)

Blue (83%)

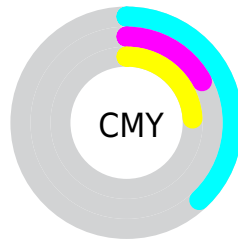


Cyan (25%)

Magenta (0%)

Yellow (8%)

Black (17%)



Cyan (38%)


Magenta (17%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.3299, 57.8545, 59.7114 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 47.3299, 57.8545, 59.7114 by changing the saturation by 10% instead.


 47.3299, 57.8545,
59.7114


 47.3299, 57.8545,
59.7114


366.7568,
416.6436, 441.3083

 33.5056, 41.6917,
42.7623


 85.4216, 101.7109,
105.9502

 22.6751, 28.8600,
29.3686


 110.4197,
130.1734, 136.0769

 14.4732, 18.9749,
19.1119


139.8731,
163.5045, 171.4333

 8.5344, 11.6521,
11.5735

174.1471,
202.0886, 212.4378

 4.4934, 6.5073,
6.3350

213.6071,
246.3102, 259.5090

 1.9849, 3.1559,
2.9778

258.6185,

 0.6255, 1.2137,

296.5536, 313.0655

1.0833

309.5466,
353.2033, 373.5257

■ 0.0000, 0.0728,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 47.3299, 57.8545,
59.7114

■ 47.3299, 57.8545,
59.7114

■ 42.7409, 55.5778,
55.5462

■ 52.6724, 60.5186,
64.1021

■ 38.8637, 53.6624,
51.5984

■ 58.7977, 63.5805,
68.7186

■ 35.6601, 52.0902,
47.8648

■ 65.7395, 67.0590,
73.5659

■ 33.0860, 50.8385,
44.3408

■ 73.5278, 70.9696,
78.6479

■ 31.0920, 49.8820,
41.0213

■ 78.6080, 73.4797,
83.8006

■ 29.6209, 49.1911,
37.9010

■ 79.5880, 73.8717,
88.9611

■ 28.6030, 48.7301,
34.9737

■ 80.6066, 74.2792,
94.3254

■ 28.1789, 48.5441,
33.4816

■ 81.6644, 74.7023,
99.8957

■ 82.5853, 75.0707,
104.7451

Harmonies

Analogous

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



48.8489, 57.8545, 49.6515



47.3299, 57.8545, 59.7114



47.7788, 57.8545, 72.0203

Triad

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



47.3299, 57.8545, 59.7114



58.0565, 57.8545, 87.1865



60.1769, 57.8545, 46.4225

Complementary

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



47.3299, 57.8545, 59.7114



47.1006, 41.7812, 46.6587

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.



62.8903, 57.8545, 54.7548



47.3299, 57.8545, 59.7114



61.6231, 57.8545, 78.5346

Square

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



47.3299, 57.8545, 59.7114



53.8306, 57.8545, 88.9573



63.4327, 57.8545, 66.3942



56.1638, 57.8545, 42.6483

Rectangle

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



47.3299, 57.8545, 59.7114



49.1443, 57.8545, 79.8025



63.4327, 57.8545, 66.3942



61.2796, 57.8545, 48.7283

Sweetspot

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



47.3315, 57.8569, 59.7127



87.8596, 96.4001, 103.7329



47.5340, 58.3632, 41.5616



18.6791, 20.5704, 22.1095



0.0000, 0.0000, 0.0000



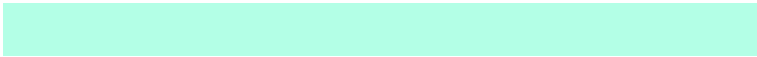
20.3446, 21.4041, 23.3091

Same Dimension

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



47.3315, 57.8569, 59.7127



68.5162, 86.7567, 87.9883



47.2566, 54.4739, 69.6547



11.9871, 13.3386, 14.2886



17.0541, 29.3146, 20.4628



0.9892, 1.6534, 1.3320

Inverse Universe

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



47.1006, 41.7812, 46.6587



68.1007, 57.6364, 64.3563



47.0649, 44.2359, 38.8595



11.9658, 11.8711, 13.0958



16.9026, 8.6339, 4.3935



0.9814, 0.4973, 0.4366

Previews

White Background



This preview shows how the XYZ color 47.3299, 57.8545, 59.7114 looks on a white background.

Color Contrast Check

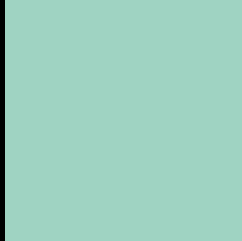
Large Text (above 18pt) WCAG AA × Fail

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 47.3299, 57.8545, 59.7114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

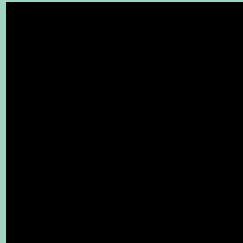
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

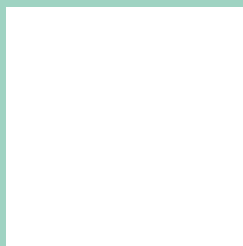
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.3299, 57.8545, 59.7114

Background



This preview shows how black text looks on a background with the XYZ color 47.3299, 57.8545, 59.7114.

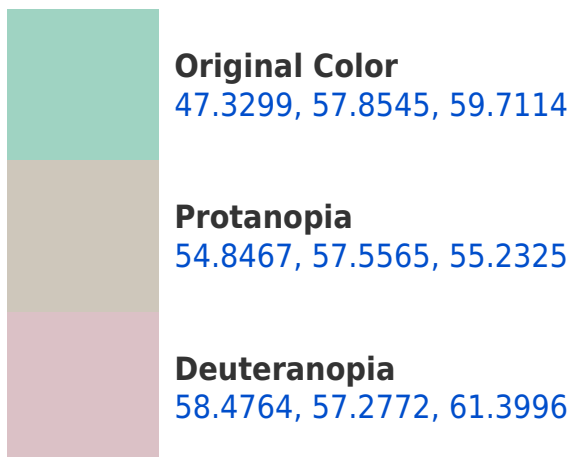


This preview shows how white text looks on a background with the XYZ color 47.3299, 57.8545,

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

51.1492, 57.9527, 78.3022

Trichromacy



Original Color

47.3299, 57.8545, 59.7114

Protanomaly

51.6365, 57.2484, 57.0437

Deuteranomaly

53.7583, 57.2101, 61.0326

Tritanomaly

49.5438, 57.6517, 70.8040

Monochromacy



Original Color

47.3299, 57.8545, 59.7114

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

49.4479, 55.0274, 59.0541

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.3299, 57.8545, 59.7114 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(159, 211, 194)` looks like.

```
.text, #text, p{  
    color:rgb(159, 211, 194)  
}
```

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(159, 211, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 211, 194) }
```

Border

The CSS property to change the border of an element to XYZ 47.3299, 57.8545, 59.7114 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(159, 211, 194) }
```


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

```
.border{ border-color:rgb(159, 211, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 211, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 211, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 211, 194); box-shadow:4px 4px 4px 4px rgb(159, 211, 194) }
```

Background

The CSS property to change the background color of an element to XYZ 47.3299, 57.8545, 59.7114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 211, 194) }
```

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

```
.background{ background-color: rgb(159,  
211, 194) }
```

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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