

Converting Colors

XYZ(47.4932, 58.8497, 60.5388)

Have a look what the booklet for
XYZ(47.4932, 58.8497, 60.5388)
contains.

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Color

**XYZ(47.3549, 58.5965,
60.4442)**

Conversions

Conversions Part 1

Format	Color
Hex	9CD5C3
RGB	156, 213, 195
RGB Percent	61%, 84%, 76%
CMY	0.3882, 0.1647, 0.2353
CMYK	0.27, 0.00, 0.08, 0.16
HSL	161°, 40%, 72%
HSV	161°, 27%, 84%
XYZ	47.3549, 58.5965, 60.4442
YIQ	193.9050, -28.1940, -17.6820

Conversions

Conversions Part 2

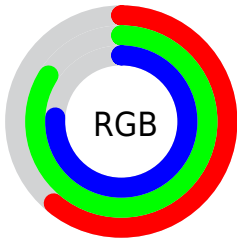
Format	Color
RYB	156, 190, 213
Decimal	10278339
CIELab	81.07, -22.02, 2.99
CIELCh	81, 22.224, 172.271
Yxy	58.5965, 0.2846, 0.3522
Android (android.graphics.Color)	4288468419 (0xFF9CD5C3)
YUV	193.9050, 0.5398, -33.2427
Hunter-Lab	76.5484, -23.5346, 6.7672

Details

The XYZ color **47.3549, 58.5965, 60.4442** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.9711, 40.9807, 45.4812**, and the grayscale version is **51.2322, 53.9002, 58.6973**.

A 20% lighter version of the original color is **80.4821, 92.5453, 105.7166**, and **22.6281, 29.2604, 29.6545** is the 20% darker color. If you saturate the color by 10%, you get **42.8458, 56.3594, 56.3525**, and if you desaturate by 10%, it is **52.6244, 61.2247, 64.7529**.

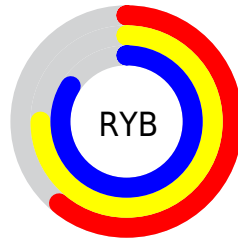
Distribution



Red (61%)

Green (84%)

Blue (76%)



Red (61%)

Yellow (75%)

Blue (84%)

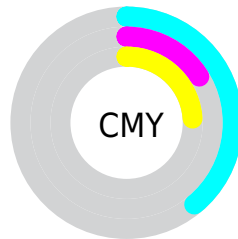


Cyan (27%)

Magenta (0%)

Yellow (8%)

Black (16%)



Cyan (39%)


Magenta (16%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.3549, 58.5965, 60.4442 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 47.3549, 58.5965, 60.4442 by changing the saturation by 10% instead.


 47.3549, 58.5965,
60.4442


 47.3549, 58.5965,
60.4442


366.8547,
419.4050, 444.0832

 33.5254, 42.2884,
43.3491


 85.4587, 102.7910,
107.0234

 22.6904, 29.3272,
29.8257


 110.4637,
131.4462, 137.3447

 14.4845, 19.3285,
19.4554


139.9245,
164.9858, 172.9118

 8.5424, 11.9079,
11.8197

174.2067,
203.7943, 214.1432

 4.4986, 6.6810,
6.5000

213.6754,
248.2561, 261.4575

 1.9879, 3.2634,
3.0777

258.6960,

 0.6272, 1.2707,

298.7555, 315.2732

1.1345

309.6340,
355.6770, 376.0089

■ 0.0000, 0.1184,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 47.3549, 58.5965,
60.4442

■ 47.3549, 58.5965,
60.4442

■ 42.8458, 56.3594,
56.3525

■ 52.6244, 61.2247,
64.7529

■ 39.0539, 54.4867,
52.4698

■ 58.6847, 64.2550,
69.2785

■ 35.9392, 52.9592,
48.7929

■ 65.5706, 67.7069,
74.0262

■ 33.4558, 51.7532,
45.3174

■ 73.3134, 71.5964,
78.9996

■ 31.5515, 50.8422,
42.0383

■ 79.1275, 74.4874,
84.0706

■ 30.1658, 50.1947,
38.9502

■ 80.0834, 74.8698,
89.1041

■ 29.2199, 49.7704,
36.0470

■ 81.0761, 75.2669,
94.3314

■ 28.9628, 49.6576,
35.1436

■ 82.1059, 75.6788,
99.7544

■ 83.0853, 76.0705,
104.9118

Harmonies

Analogous

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



48.9658, 58.5965, 49.4783



47.3549, 58.5965, 60.4442



47.8787, 58.5965, 73.9271

Triad

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



47.3549, 58.5965, 60.4442



59.1258, 58.5965, 90.3306



61.3033, 58.5965, 45.7367

Complementary

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



47.3549, 58.5965, 60.4442



46.9711, 40.9807, 45.4812

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.



64.3171, 58.5965, 54.6457



47.3549, 58.5965, 60.4442



63.0123, 58.5965, 80.6526

Square

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



47.3549, 58.5965, 60.4442



54.5092, 58.5965, 92.4465



64.9592, 58.5965, 67.2811



56.8963, 58.5965, 41.7847

Rectangle

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



47.3549, 58.5965, 60.4442



49.3820, 58.5965, 82.4702



64.9592, 58.5965, 67.2811



62.5227, 58.5965, 48.1871

Sweetspot

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



47.3566, 58.5989, 60.4455



86.9189, 95.9261, 103.1954



47.2636, 58.9957, 40.3498



18.2964, 20.3781, 21.8636



0.0000, 0.0000, 0.0000



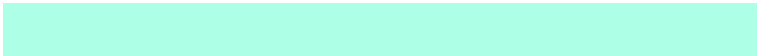
20.3446, 21.4041, 23.3091

Same Dimension

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



47.3566, 58.5989, 60.4455



67.2570, 86.1198, 87.3744



46.9722, 54.3739, 70.9730



12.6175, 14.0380, 15.0662



17.7391, 30.3510, 21.7197



1.1067, 1.8453, 1.5034

Inverse Universe

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



46.9711, 40.9807, 45.4812



66.5891, 55.4323, 61.3269



47.1614, 43.9844, 37.4577



12.5832, 12.4848, 13.7455



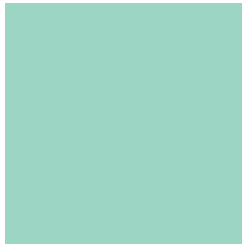
17.4268, 8.9070, 4.2856



1.0882, 0.5521, 0.4538

Previews

White Background



This preview shows how the XYZ color 47.3549, 58.5965, 60.4442 looks on a white background.

Color Contrast Check

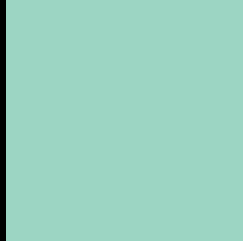
Large Text (above 18pt) WCAG AA × Fail

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 47.3549, 58.5965, 60.4442 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 47.3549, 58.5965, 60.4442

Background



This preview shows how black text looks on a background with the XYZ color 47.3549, 58.5965, 60.4442.



This preview shows how white text looks on a background with the XYZ color 47.3549, 58.5965,

60.4442.

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

47.3549, 58.5965, 60.4442

Protanopia

55.4635, 58.2048, 55.8884

Deuteranopia

59.1158, 57.9227, 62.0973



Tritanopia

51.2914, 58.7186, 79.8646

Trichromacy



Original Color

47.3549, 58.5965, 60.4442

Protanomaly

51.9743, 58.1156, 57.7683

Deuteranomaly

54.1056, 57.7208, 61.7156

Tritanomaly

49.6814, 58.4218, 72.2764

Monochromacy



Original Color

47.3549, 58.5965, 60.4442

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

49.4466, 55.3716, 59.1206

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.3549, 58.5965, 60.4442 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(156, 213, 195)` looks like.

```
.text, #text, p{  
    color:rgb(156, 213, 195)  
}
```

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(156, 213, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 213, 195) }
```

Border

The CSS property to change the border of an element to XYZ 47.3549, 58.5965, 60.4442 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(156, 213, 195) }
```


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

```
.border{ border-color:rgb(156, 213, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 213, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 213, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 213, 195);  
box-shadow:4px 4px 4px 4px rgb(156, 213,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 47.3549, 58.5965, 60.4442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 213, 195) }
```

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

```
.background{ background-color: rgb(156,  
213, 195) }
```

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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