

Converting Colors

XYZ(47.8174, 60.4113, 57.8555)

Have a look what the booklet for
XYZ(47.8174, 60.4113, 57.8555)
contains.

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Color

**XYZ(47.8174, 60.4113,
57.8555)**

Conversions

Conversions Part 1

Format	Color
Hex	9CD9BE
RGB	156, 217, 190
RGB Percent	61%, 85%, 75%
CMY	0.3882, 0.1490, 0.2549
CMYK	0.28, 0.00, 0.12, 0.15
HSL	153°, 45%, 73%
HSV	153°, 28%, 85%
XYZ	47.8174, 60.4113, 57.8555
YIQ	195.6830, -27.6890, -21.3290

Conversions

Conversions Part 2

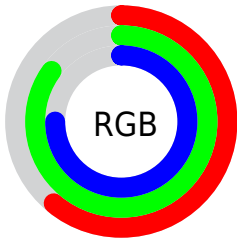
Format	Color
RYB	156, 195, 217
Decimal	10279358
CIELab	82.06, -25.01, 7.08
CIELCh	82, 25.994, 164.195
Yxy	60.4113, 0.2879, 0.3637
Android (android.graphics.Color)	4288469438 (0xFF9CD9BE)
YUV	195.6830, -2.8017, -34.8020
Hunter-Lab	77.7247, -26.2024, 10.2739

Details

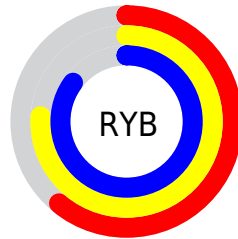
The XYZ color **47.8174, 60.4113, 57.8555** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **49.0530, 41.9490, 50.3138**, and the grayscale version is **52.3089, 55.0330, 59.9310**.

A 20% lighter version of the original color is **79.5459, 92.1709, 100.7870**, and **23.0292, 30.5304, 28.3461** is the 20% darker color. If you saturate the color by 10%, you get **42.9722, 58.0325, 52.3284**, and if you desaturate by 10%, it is **53.4853, 63.2095, 63.7850**.

Distribution



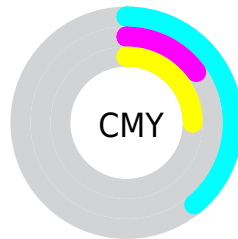
- Red (61%)
- Green (85%)
- Blue (75%)



- Red (61%)
- Yellow (76%)
- Blue (85%)



- Cyan (28%)
- Magenta (0%)
- Yellow (12%)
- Black (15%)




- Cyan (39%)
- Magenta (15%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.8174, 60.4113, 57.8555 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 47.8174, 60.4113, 57.8555 by changing the saturation by 10% instead.


 47.8174, 60.4113,
57.8555


 47.8174, 60.4113,
57.8555


368.6625,
426.1122, 434.2305

 33.8930, 43.7502,
41.2786


 86.1438, 105.4261,
103.2251

 22.9739, 30.4742,
28.2155


 111.2765,
134.5486, 132.8548

 14.6948, 20.1988,
18.2477

140.8760,
168.5937, 167.6726

 8.6904, 12.5396,
10.9567

175.3076,
207.9458, 208.0969

 4.5953, 7.1123,
5.9239

214.9367,
252.9893, 254.5463

 2.0441, 3.5324,
2.7308

260.1286,

 0.6586, 1.4156,

304.1086, 307.4393

0.9589

311.2488,
361.6881, 367.1946

■ 0.0000, 0.2282,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 47.8174, 60.4113,
57.8555

■ 47.8174, 60.4113,
57.8555

■ 42.9722, 58.0325,
52.3284

■ 53.4853, 63.2095,
63.7850

■ 38.9035, 56.0445,
47.1906

■ 60.0092, 66.4392,
70.1212

■ 35.5679, 54.4267,
42.4345

■ 67.4265, 70.1212,
76.8737

■ 32.9155, 53.1537,
38.0502

■ 75.7709, 74.2727,
84.0505

■ 30.8899, 52.1964,
34.0276

■ 81.4910, 77.0627,
91.4916

■ 29.4249, 51.5209,
30.3557

■ 82.9407, 77.6426,
99.1259

■ 28.4255, 51.0785,
27.0219

■ 84.1040, 78.1079,
105.2513

■ 28.2619, 51.0071,
26.4281

Harmonies

Analogous

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



50.3465, 60.4113, 46.3351



47.8174, 60.4113, 57.8555



47.7492, 60.4113, 73.5014

Triad

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



47.8174, 60.4113, 57.8555



60.0562, 60.4113, 99.7920



65.3542, 60.4113, 46.8141

Complementary

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



47.8174, 60.4113, 57.8555



49.0530, 41.9490, 50.3138

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.



68.3136, 60.4113, 58.6149



47.8174, 60.4113, 57.8555



65.1250, 60.4113, 90.0157

Square

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



47.8174, 60.4113, 57.8555



54.5819, 60.4113, 99.5009



68.2272, 60.4113, 74.3918



60.3530, 60.4113, 40.6912

Rectangle

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



47.8174, 60.4113, 57.8555



49.0951, 60.4113, 84.3441



68.2272, 60.4113, 74.3918



66.6346, 60.4113, 50.1577

Sweetspot

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



47.8191, 60.4138, 57.8569



86.5190, 95.7661, 101.0893



50.4512, 62.1512, 40.7907



18.1955, 20.3377, 21.3323



0.0000, 0.0000, 0.0000



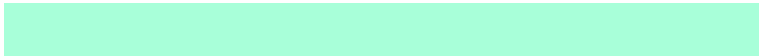
20.3446, 21.4041, 23.3091

Same Dimension

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



47.8191, 60.4138, 57.8569



64.4477, 84.8679, 78.3728



50.2706, 60.1480, 74.6087



13.1888, 14.7272, 15.4573



17.1615, 30.8972, 16.2819



1.1549, 2.0189, 1.2818

Inverse Universe

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



49.0530, 41.9490, 50.3138



66.5212, 53.8654, 65.7161



47.0245, 41.9669, 37.0753



13.2943, 13.1468, 14.8111



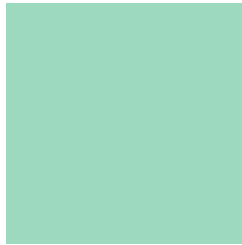
18.6531, 9.4623, 7.8192



1.2513, 0.6302, 0.7324

Previews

White Background



This preview shows how the XYZ color 47.8174, 60.4113, 57.8555 looks on a white background.

Color Contrast Check

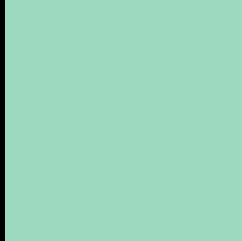
Large Text (above 18pt) WCAG AA × Fail

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 47.8174, 60.4113, 57.8555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

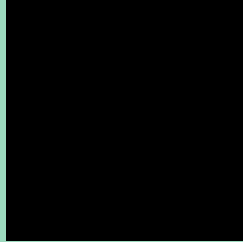
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.8174, 60.4113, 57.8555

Background



This preview shows how black text looks on a background with the XYZ color 47.8174, 60.4113, 57.8555.



This preview shows how white text looks on a background with the XYZ color 47.8174, 60.4113, 57.8555.

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

47.8174, 60.4113, 57.8555

Protanopia

56.9508, 60.0863, 52.8522

Deuteranopia

60.8416, 59.5436, 59.3253



Tritanopia

52.6077, 60.0825, 82.2231

Trichromacy



Original Color

47.8174, 60.4113, 57.8555

Protanomaly

53.0511, 59.8210, 54.6495

Deuteranomaly

55.3059, 59.4535, 59.0128

Tritanomaly

50.6298, 60.0206, 72.5350

Monochromacy



Original Color

47.8174, 60.4113, 57.8555

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

50.3865, 56.9045, 59.3670

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.8174, 60.4113, 57.8555 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, 217, 190)` looks like.

```
.text, #text, p{  
    color:rgb(156, 217, 190)  
}
```

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, 217, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 217, 190) }
```

Border

The CSS property to change the border of an element to XYZ 47.8174, 60.4113, 57.8555 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, 217, 190) }
```


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

```
.border{ border-color:rgb(156, 217, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 217, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 217, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 217, 190);  
box-shadow:4px 4px 4px 4px rgb(156, 217,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 47.8174, 60.4113, 57.8555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 217, 190) }
```

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

```
.background{ background-color: rgb(156,  
217, 190) }
```

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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