

Converting Colors

XYZ(57.3575, 76.3281, 59.2403)

Have a look what the booklet for
XYZ(57.3575, 76.3281, 59.2403)
contains.

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Color

**XYZ(57.5762, 76.6570,
59.3387)**

Conversions

Conversions Part 1

Format	Color
Hex	A8F4BC
RGB	168, 244, 188
RGB Percent	66%, 96%, 74%
CMY	0.3412, 0.0431, 0.2627
CMYK	0.31, 0.00, 0.23, 0.04
HSL	136°, 78%, 81%
HSV	136°, 31%, 96%
XYZ	57.5762, 76.6570, 59.3387
YIQ	214.8920, -27.3200, -33.5280

Conversions

Conversions Part 2

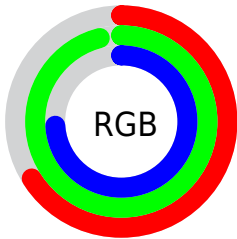
Format	Color
RYB	168, 228, 244
Decimal	11072700
CIELab	90.16, -34.54, 19.68
CIELCh	90, 39.750, 150.330
Yxy	76.6570, 0.2974, 0.3960
Android (android.graphics.Color)	4289262780 (0xFFA8F4BC)
YUV	214.8920, -13.2578, -41.1243
Hunter-Lab	87.5540, -35.8364, 21.1047

Details

The XYZ color **57.5762, 76.6570, 59.3387** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **64.7679, 52.6218, 77.2673**, and the grayscale version is **64.6200, 67.9853, 74.0359**.

A 20% lighter version of the original color is **83.1405, 94.0592, 99.3612**, and **28.9535, 40.8006, 29.2710** is the 20% darker color. If you saturate the color by 10%, you get **51.0420, 73.5008, 49.5384**, and if you desaturate by 10%, it is **65.3306, 80.4186, 70.4598**.

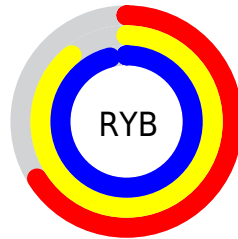
Distribution



Red (66%)

Green (96%)

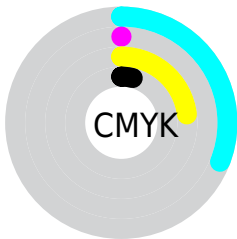
Blue (74%)



Red (66%)

Yellow (89%)

Blue (96%)

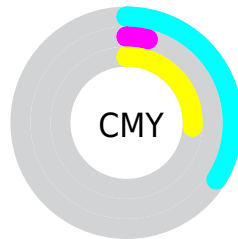


Cyan (31%)

Magenta (0%)

Yellow (23%)

Black (4%)



Cyan (34%)

Magenta (4%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.5762, 76.6570, 59.3387 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 57.5762, 76.6570, 59.3387 by changing the saturation by 10% instead.

■ 57.5762, 76.6570,
59.3387

■ 57.5762, 76.6570,
59.3387

405.5843,
483.5938, 439.8927

■ 41.7100, 56.9714,
42.4640

■ 100.4320,
128.6552, 105.4037

■ 29.0644, 40.9823,
29.1365

128.1522,
161.7366, 135.4312

■ 19.2741, 28.3052,
18.9377

160.5545,
200.0520, 170.6799

■ 11.9736, 18.5559,
11.4489

198.0042,
243.9859, 211.5686

■ 6.7978, 11.3498,
6.2517

240.8667,
293.9226, 258.5156

■ 3.3812, 6.3026,
2.9274


289.5073,


■ 1.3584, 3.0300,


350.2466, 311.9397


1.0577


344.2914,
413.3422, 372.2592


 0.2263, 1.1474,
0.0000


 0.0000, 0.0181,
0.0000


 57.5762, 76.6570,
59.3387


 57.5762, 76.6570,
59.3387


 51.0420, 73.5008,
49.5384


 65.3306, 80.4186,
70.4598


 45.6585, 70.9088,
41.0048

 74.3580, 84.8054,
82.9432

 41.3583, 68.8495,
33.6872

 84.7151, 89.8480,
96.8348

 38.0642, 67.2842,
27.5298

 91.6421, 93.1843,
107.7640

■ 35.6884, 66.1689,
22.4723

■ 34.1269, 65.4514,
18.4486

■ 33.2836, 65.0768,
15.6889

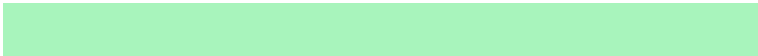
Harmonies

Analogous

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



63.6865, 76.6570, 44.7788



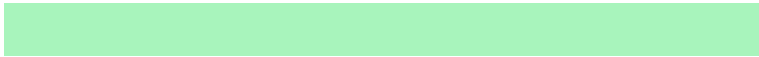
57.5762, 76.6570, 59.3387



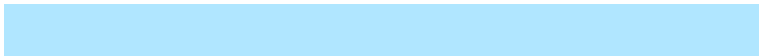
55.4747, 76.6570, 83.7798

Triad

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



57.5762, 76.6570, 59.3387



72.9695, 76.6570, 150.5073



90.5083, 76.6570, 58.9080

Complementary

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



57.5762, 76.6570, 59.3387



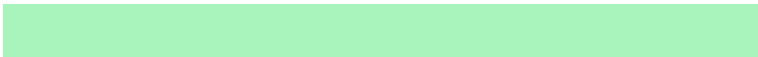
64.7679, 52.6218, 77.2673

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.



93.5442, 76.6570, 83.1539



57.5762, 76.6570, 59.3387



82.8750, 76.6570, 139.7496

Square

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



57.5762, 76.6570, 59.3387



63.8597, 76.6570, 140.1914



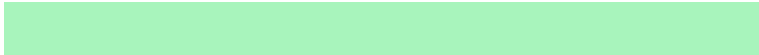
90.6346, 76.6570, 113.3814



82.6690, 76.6570, 44.5725

Rectangle

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



57.5762, 76.6570, 59.3387



56.4665, 76.6570, 103.8199



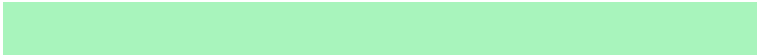
90.6346, 76.6570, 113.3814



92.1544, 76.6570, 65.9638

Sweetspot

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



57.5782, 76.6602, 59.3404



84.5007, 94.8625, 94.8145



70.4727, 83.5397, 49.4570



17.7461, 20.1388, 19.8326



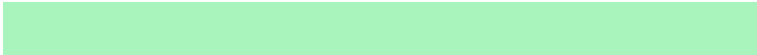
0.0000, 0.0000, 0.0000



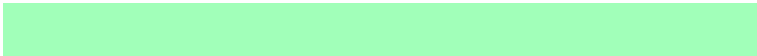
20.3446, 21.4041, 23.3091

Same Dimension

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



57.5782, 76.6602, 59.3404



59.1951, 82.5838, 58.9847



62.0921, 78.4657, 83.1098



16.4612, 18.5436, 18.4472



18.1446, 35.4027, 8.7813



1.6354, 3.1278, 0.9859

Inverse Universe

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



64.7679, 52.6218, 77.2673



68.2308, 52.3504, 81.4975



60.2827, 50.8277, 53.6485



17.0165, 16.6895, 19.8337



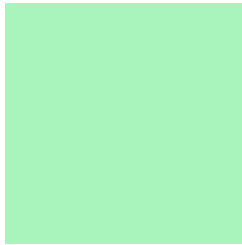
24.8133, 12.2687, 24.7888



2.2230, 1.0952, 2.4005

Previews

White Background



This preview shows how the XYZ color 57.5762, 76.6570, 59.3387 looks on a white background.

Color Contrast Check

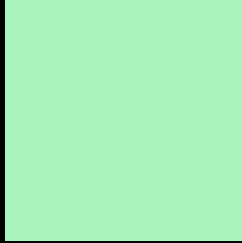
Large Text (above 18pt) WCAG AA × Fail

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 57.5762, 76.6570, 59.3387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

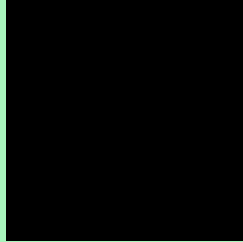
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.5762, 76.6570, 59.3387

Background



This preview shows how black text looks on a background with the XYZ color 57.5762, 76.6570, 59.3387.

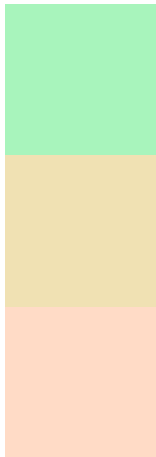


This preview shows how white text looks on a background with the XYZ color 57.5762, 76.6570,

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

57.5762, 76.6570, 59.3387

Protanopia

70.9971, 75.6304, 53.5040

Deuteranopia

76.7646, 76.0003, 64.0497



Tritanopia

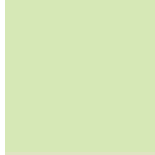
66.6538, 76.3962, 104.9988

Trichromacy



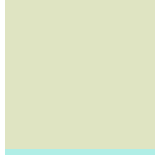
Original Color

57.5762, 76.6570, 59.3387



Protanomaly

65.0317, 75.3868, 55.3795



Deuteranomaly

67.9124, 75.0698, 61.9495



Tritanomaly

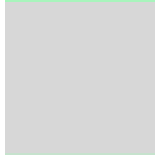
62.7620, 76.0923, 86.2423

Monochromacy



Original Color

57.5762, 76.6570, 59.3387



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

61.5045, 70.8063, 68.1829

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.5762, 76.6570, 59.3387 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(168, 244, 188)` looks like.

```
.text, #text, p{  
    color:rgb(168, 244, 188)  
}
```

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(168, 244, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 244, 188) }
```

Border

The CSS property to change the border of an element to XYZ 57.5762, 76.6570, 59.3387 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(168, 244, 188) }
```


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

```
.border{ border-color:rgb(168, 244, 188) }
```

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

Here you see how a box with a 4 pixel rgb(168, 244, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 244, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 244, 188);  
box-shadow:4px 4px 4px 4px rgb(168, 244,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5762, 76.6570, 59.3387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 244, 188) }
```

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

```
.background{ background-color: rgb(168,  
244, 188) }
```

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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