

Converting Colors

XYZ(57.4537, 76.2639, 57.6226)

Have a look what the booklet for
XYZ(57.4537, 76.2639, 57.6226)
contains.

XYZ(57.3851, 76.1500, 57.5728)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(57.3851, 76.1500,
57.5728)**

Conversions

Conversions Part 1

Format	Color
Hex	AAF3B9
RGB	170, 243, 185
RGB Percent	67%, 95%, 73%
CMY	0.3333, 0.0470, 0.2745
CMYK	0.30, 0.00, 0.24, 0.05
HSL	132°, 75%, 81%
HSV	132°, 30%, 95%
XYZ	57.3851, 76.1500, 57.5728
YIQ	214.5610, -24.8900, -33.5140

Conversions

Conversions Part 2

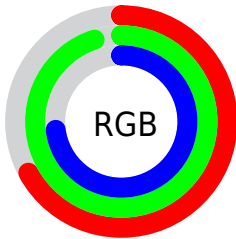
Format	Color
RYB	170, 231, 243
Decimal	11203513
CIELab	89.93, -34.00, 20.91
CIELCh	90, 39.911, 148.407
Yxy	76.1500, 0.3003, 0.3985
Android (android.graphics.Color)	4289393593 (0xFFAAF3B9)
YUV	214.5610, -14.5736, -39.0800
Hunter-Lab	87.2640, -35.3297, 21.9679

Details

The XYZ color **57.3851, 76.1500, 57.5728** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **65.3430, 53.4073, 80.2666**, and the grayscale version is **64.4036, 67.7576, 73.7880**.

A 20% lighter version of the original color is **83.3157, 94.2018, 97.0106**, and **28.9262, 40.4968, 28.1219** is the 20% darker color. If you saturate the color by 10%, you get **50.7080, 72.9297, 47.3340**, and if you desaturate by 10%, it is **65.3140, 79.9879, 69.3183**.

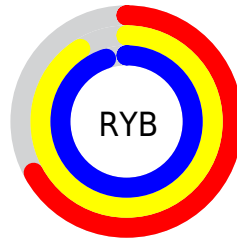
Distribution



Red (67%)

Green (95%)

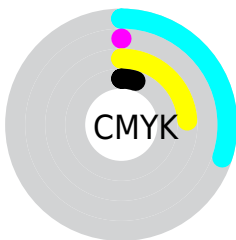
Blue (73%)



Red (67%)

Yellow (91%)

Blue (95%)

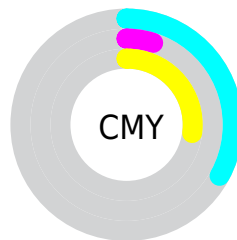


Cyan (30%)

Magenta (0%)

Yellow (24%)

Black (5%)



Cyan (33%)

Magenta (5%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.3851, 76.1500, 57.5728 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 57.3851, 76.1500, 57.5728 by changing the saturation by 10% instead.

■ 57.3851, 76.1500,
57.5728

■ 57.3851, 76.1500,
57.5728

404.8817,
481.8610, 433.1459

■ 41.5558, 56.5555,
41.0529

■ 100.1550,
127.9389, 102.8091

■ 28.9433, 40.6485,
28.0404

127.8264,
160.9021, 132.3626

■ 19.1820, 28.0445,
18.1168

160.1758,
199.0904, 167.0977

■ 11.9066, 18.3592,
10.8636

197.5687,
242.8881, 207.4329

■ 6.7519, 11.2082,
5.8622

240.3703,
292.6796, 253.7868

■ 3.3524, 6.2071,
2.6940


288.9462,


■ 1.3427, 2.9714,


348.8493, 306.5779


0.9404


343.6615,
411.7817, 366.2248

 0.2149, 1.1168,
0.0000


 0.0000, 0.0000,
0.0000

 57.3851, 76.1500,
57.5728


 57.3851, 76.1500,
57.5728


 50.7080, 72.9297,
47.3340


 65.3140, 79.9879,
69.3183


 45.2120, 70.2855,
38.5360

 74.5486, 84.4636,
82.6227

 40.8285, 68.1854,
31.1153

 85.1469, 89.6080,
97.5421

 37.4792, 66.5906,
25.0020

 91.3421, 92.5841,
107.6640

■ 35.0755, 65.4570,
20.1198

■ 33.5126, 64.7324,
16.3843

■ 32.6263, 64.3338,
13.7080

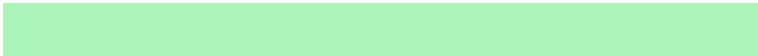
Harmonies

Analogous

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



63.7192, 76.1500, 43.7032



57.3851, 76.1500, 57.5728



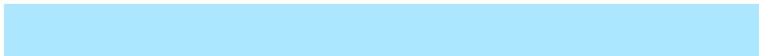
55.0150, 76.1500, 81.4120

Triad

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



57.3851, 76.1500, 57.5728



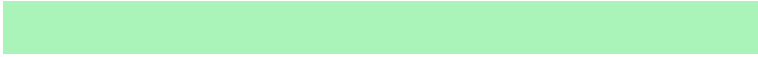
71.8518, 76.1500, 149.9851



90.3897, 76.1500, 59.6503

Complementary

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



57.3851, 76.1500, 57.5728



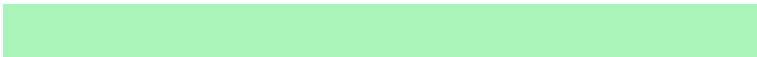
65.3430, 53.4073, 80.2666

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.



93.0572, 76.1500, 84.4352



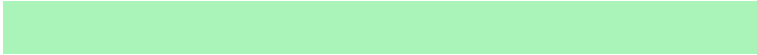
57.3851, 76.1500, 57.5728



81.7883, 76.1500, 140.5065

Square

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



57.3851, 76.1500, 57.5728



62.8832, 76.1500, 138.3689



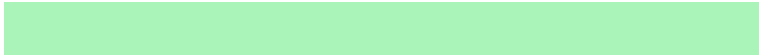
89.7790, 76.1500, 114.7765



82.7841, 76.1500, 44.6970

Rectangle

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



57.3851, 76.1500, 57.5728



55.8215, 76.1500, 101.2899



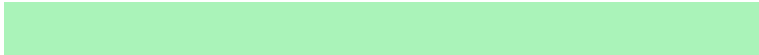
89.7790, 76.1500, 114.7765



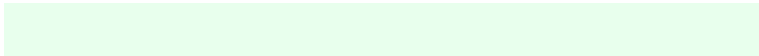
91.9224, 76.1500, 66.9076

Sweetspot

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



57.3871, 76.1532, 57.5745



84.3068, 94.7849, 93.7933



71.4312, 83.5666, 50.3961



17.6986, 20.1198, 19.5827



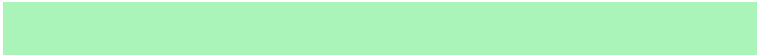
0.0000, 0.0000, 0.0000



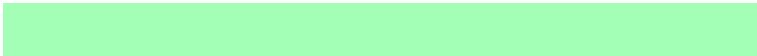
20.3446, 21.4041, 23.3091

Same Dimension

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



57.3871, 76.1532, 57.5745



59.3552, 82.7077, 57.1258



61.6949, 77.8763, 80.2592



16.4215, 18.5277, 18.2377



17.9444, 35.3226, 7.7271



1.6127, 3.1187, 0.8665

Inverse Universe

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



65.3430, 53.4073, 80.2666



69.5330, 53.5896, 86.1404



60.8425, 51.6070, 56.5670



17.0592, 16.7065, 20.0583



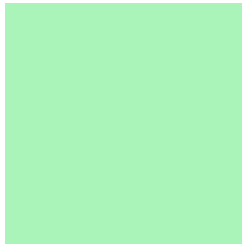
25.6236, 12.5929, 29.0558



2.2880, 1.1212, 2.7429

Previews

White Background



This preview shows how the XYZ color 57.3851, 76.1500, 57.5728 looks on a white background.

Color Contrast Check

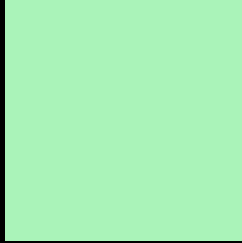
Large Text (above 18pt) WCAG AA × Fail

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 57.3851, 76.1500, 57.5728 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

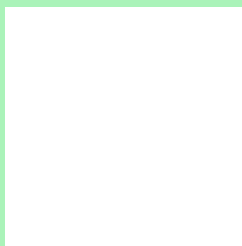
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.3851, 76.1500, 57.5728

Background



This preview shows how black text looks on a background with the XYZ color 57.3851, 76.1500, 57.5728.

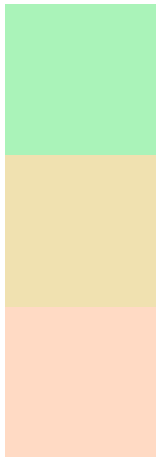


This preview shows how white text looks on a background with the XYZ color 57.3851, 76.1500,

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

57.3851, 76.1500, 57.5728

Protanopia

70.6969, 75.5103, 51.9231

Deuteranopia

76.2752, 75.3883, 62.7558



Tritanopia

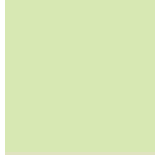
66.6809, 76.0048, 104.0844

Trichromacy



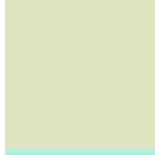
Original Color

57.3851, 76.1500, 57.5728



Protanomaly

65.0176, 75.4150, 53.7776



Deuteranomaly

67.7240, 74.5912, 60.6973



Tritanomaly

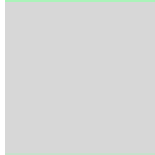
62.6479, 75.6348, 84.6959

Monochromacy



Original Color

57.3851, 76.1500, 57.5728



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

61.3775, 70.3522, 67.4711

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3851, 76.1500, 57.5728 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(170, 243, 185)` looks like.

```
.text, #text, p{  
    color:rgb(170, 243, 185)  
}
```

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(170, 243, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 243, 185) }
```

Border

The CSS property to change the border of an element to XYZ 57.3851, 76.1500, 57.5728 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(170, 243, 185) }
```


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

```
.border{ border-color:rgb(170, 243, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 243, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 243, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 243, 185);  
box-shadow:4px 4px 4px 4px rgb(170, 243,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3851, 76.1500, 57.5728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 243, 185) }
```

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

```
.background{ background-color: rgb(170,  
243, 185) }
```

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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