

Converting Colors

XYZ(56.9164, 76.3034, 55.3294)

Have a look what the booklet for
XYZ(56.9164, 76.3034, 55.3294)
contains.

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Color

**XYZ(57.0534, 76.4726,
55.4697)**

Conversions

Conversions Part 1

Format	Color
Hex	A9F4B5
RGB	169, 244, 181
RGB Percent	66%, 96%, 71%
CMY	0.3372, 0.0431, 0.2902
CMYK	0.31, 0.00, 0.26, 0.04
HSL	130°, 77%, 81%
HSV	130°, 31%, 96%
XYZ	57.0534, 76.4726, 55.4697
YIQ	214.3930, -24.4770, -35.4930

Conversions

Conversions Part 2

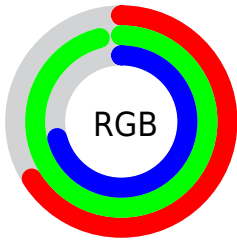
Format	Color
RYB	169, 234, 244
Decimal	11138229
CIELab	90.08, -35.46, 23.16
CIELCh	90, 42.350, 146.847
Yxy	76.4726, 0.3019, 0.4046
Android (android.graphics.Color)	4289328309 (0xFFA9F4B5)
YUV	214.3930, -16.4627, -39.8097
Hunter-Lab	87.4486, -36.5777, 23.6057

Details

The XYZ color **57.0534, 76.4726, 55.4697** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **66.0643, 53.4370, 83.1796**, and the grayscale version is **64.3023, 67.6510, 73.6720**.

A 20% lighter version of the original color is **82.4101, 93.8032, 93.8831**, and **28.6060, 40.6766, 26.7657** is the 20% darker color. If you saturate the color by 10%, you get **50.3486, 73.2437, 44.9740**, and if you desaturate by 10%, it is **65.0485, 80.3353, 67.6442**.

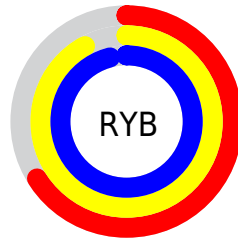
Distribution



Red (66%)

Green (96%)

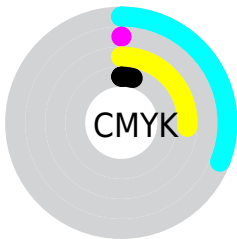
Blue (71%)



Red (66%)

Yellow (92%)

Blue (96%)

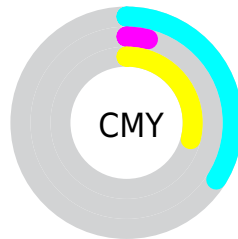


Cyan (31%)

Magenta (0%)

Yellow (26%)

Black (4%)



Cyan (34%)


Magenta (4%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.0534, 76.4726, 55.4697 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 57.0534, 76.4726, 55.4697 by changing the saturation by 10% instead.


 57.0534, 76.4726,
55.4697

 57.0534, 76.4726,
55.4697


403.6603,
482.9640, 425.0220

 41.2884, 56.8201,
39.3768

 99.6740, 128.3947,
99.7068

 28.7332, 40.8608,
26.7429


127.2604,
161.4332, 128.6881

 19.0223, 28.2104,
17.1495


159.5179,
199.7024, 162.8026

 11.7905, 18.4843,
10.1780

196.8119,
243.5868, 202.4688

 6.6724, 11.2982,
5.4100

239.5078,
293.4707, 248.1054

 3.3026, 6.2678,
2.4269


287.9709,


 1.3157, 3.0086,


349.7387, 300.1307


0.8010


342.5667,
412.7749, 358.9634


 0.1949, 1.1362,
0.0000


 0.0000, 0.0087,
0.0000


 57.0534, 76.4726,
55.4697


 57.0534, 76.4726,
55.4697


 50.3486, 73.2437,
44.9740


 65.0485, 80.3353,
67.6442


 44.8601, 70.6055,
36.0784

 74.3908, 84.8530,
81.5612

 40.5157, 68.5246,
28.7059

 85.1408, 90.0579,
97.2874

 37.2330, 66.9603,
22.7708

 91.6422, 93.1843,
107.7641

■ 34.9183, 65.8662,
18.1790

■ 33.4607, 65.1875,
14.8250

■ 32.7190, 64.8511,
12.7160

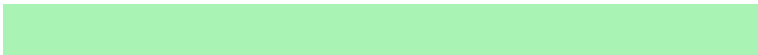
Harmonies

Analogous

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



63.9403, 76.4726, 41.5860



57.0534, 76.4726, 55.4697



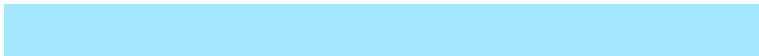
54.3264, 76.4726, 80.1241

Triad

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



57.0534, 76.4726, 55.4697



71.5795, 76.4726, 155.4017



92.2349, 76.4726, 59.7806

Complementary

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



57.0534, 76.4726, 55.4697



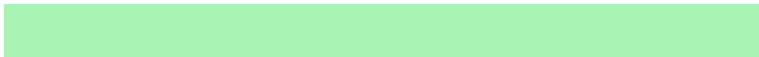
66.0643, 53.4370, 83.1796

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.



94.7734, 76.4726, 86.4883



57.0534, 76.4726, 55.4697



82.1926, 76.4726, 146.2693

Square

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



57.0534, 76.4726, 55.4697



62.1897, 76.4726, 141.6856



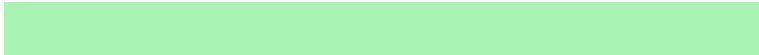
90.9388, 76.4726, 119.0731



84.2990, 76.4726, 43.6213

Rectangle

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



57.0534, 76.4726, 55.4697



55.0179, 76.4726, 101.1788



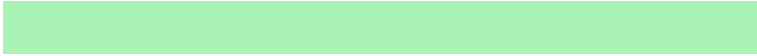
90.9388, 76.4726, 119.0731



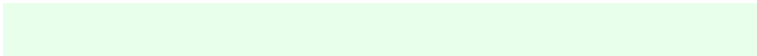
93.7790, 76.4726, 67.6024

Sweetspot

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



57.0554, 76.4758, 55.4714



84.1549, 94.7242, 92.9934



73.0379, 84.8513, 50.0654



17.6615, 20.1049, 19.3872



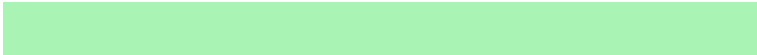
0.0000, 0.0000, 0.0000



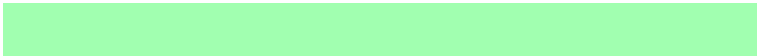
20.3446, 21.4041, 23.3091

Same Dimension

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



57.0554, 76.4758, 55.4714



58.1989, 82.1853, 53.7386



61.3374, 78.1886, 78.0199



16.3903, 18.5153, 18.0738



17.8221, 35.2737, 7.0831



1.5974, 3.1126, 0.7861

Inverse Universe

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



66.0643, 53.4370, 83.1796



69.6377, 52.9131, 88.9063



61.3771, 51.5621, 58.4973



17.0930, 16.7201, 20.2365



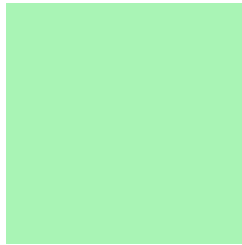
26.3180, 12.8706, 32.7124



2.3430, 1.1432, 3.0324

Previews

White Background



This preview shows how the XYZ color 57.0534, 76.4726, 55.4697 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 57.0534, 76.4726, 55.4697 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

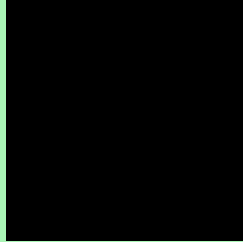
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.0534, 76.4726, 55.4697

Background



This preview shows how black text looks on a background with the XYZ color 57.0534, 76.4726, 55.4697.



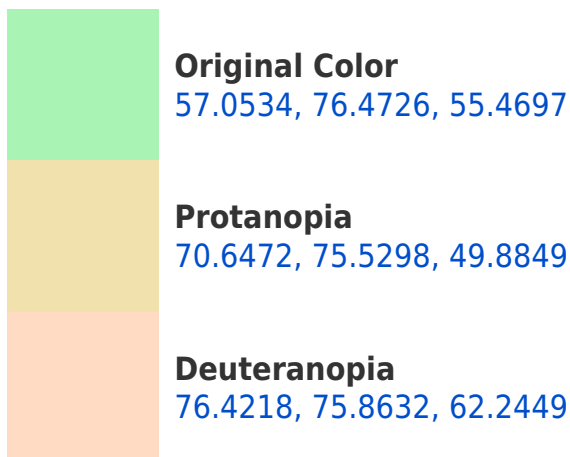
This preview shows how white text looks on a background with the XYZ color 57.0534, 76.4726, 55.4697.

55.4697.

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

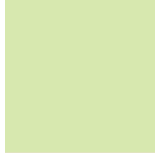
66.9664, 76.5758, 104.1796

Trichromacy



Original Color

57.0534, 76.4726, 55.4697



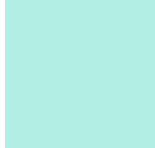
Protanomaly

64.6188, 75.2554, 51.6774



Deuteranomaly

67.7781, 75.0518, 59.6294



Tritanomaly

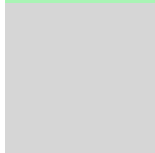
62.7998, 76.1601, 84.0635

Monochromacy



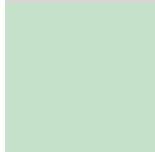
Original Color

57.0534, 76.4726, 55.4697



Achromatopsia

63.9157, 67.2443, 73.2291



Achromatomaly

60.8746, 70.1205, 66.2033

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0534, 76.4726, 55.4697 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(169, 244, 181)` looks like.

```
.text, #text, p{  
    color:rgb(169, 244, 181)  
}
```

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(169, 244, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 244, 181) }
```

Border

The CSS property to change the border of an element to XYZ 57.0534, 76.4726, 55.4697 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(169, 244, 181) }
```


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

```
.border{ border-color:rgb(169, 244, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 244, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 244, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 244, 181); box-shadow:4px 4px 4px 4px rgb(169, 244, 181) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0534, 76.4726, 55.4697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 244, 181) }
```

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

```
.background{ background-color: rgb(169,  
244, 181) }
```

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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