

Converting Colors

XYZ(62.9173, 84.5387, 57.5322)

Have a look what the booklet for
XYZ(62.9173, 84.5387, 57.5322)
contains.

XYZ(62.8976, 84.5226, 57.7992)	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(62.8976, 84.5226,
57.7992)**

Conversions

Conversions Part 1

Format	Color
Hex	B3FFB7
RGB	179, 255, 183
RGB Percent	70%, 100%, 72%
CMY	0.2980, 0.0000, 0.2823
CMYK	0.30, 0.00, 0.28, 0.00
HSL	123°, 100%, 85%
HSV	123°, 30%, 100%
XYZ	62.8976, 84.5226, 57.7992
YIQ	224.0680, -22.1840, -38.5040

Conversions

Conversions Part 2

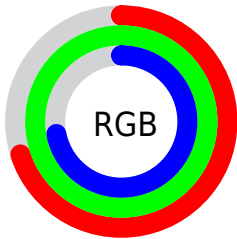
Format	Color
RYB	179, 251, 255
Decimal	11796407
CIELab	93.68, -37.03, 27.16
CIELCh	94, 45.923, 143.743
Yxy	84.5226, 0.3065, 0.4119
Android (android.graphics.Color)	4289986487 (0xFFB3FFB7)
YUV	224.0680, -20.2465, -39.5246
Hunter-Lab	91.9362, -38.7686, 27.0804

Details

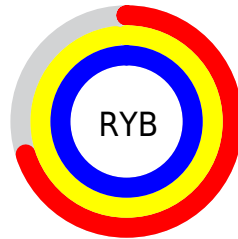
The XYZ color **62.8976, 84.5226, 57.7992** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **74.7727, 60.4655, 98.9957**, and the grayscale version is **71.0513, 74.7515, 81.4043**.

A 20% lighter version of the original color is **85.9321, 95.5849, 95.5820**, and **32.5355, 46.2850, 28.3382** is the 20% darker color. If you saturate the color by 10%, you get **55.2362, 80.8390, 45.4226**, and if you desaturate by 10%, it is **72.0814, 88.9411, 72.5022**.

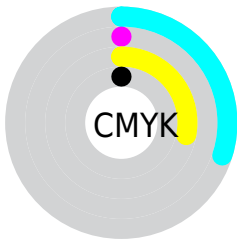
Distribution



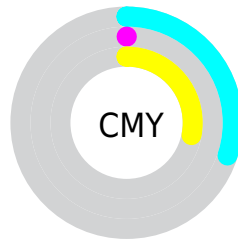
- Red (70%)
- Green (100%)
- Blue (72%)



- Red (70%)
- Yellow (98%)
- Blue (100%)



- Cyan (30%)
- Magenta (0%)
- Yellow (28%)
- Black (0%)




- Cyan (30%)
- Magenta (0%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.8976, 84.5226, 57.7992 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 62.8976, 84.5226, 57.7992 by changing the saturation by 10% instead.


 62.8976, 84.5226,
57.7992

 62.8976, 84.5226,
57.7992


424.8633,
510.0470, 434.0146

 46.0167, 63.4470,
41.2336


 108.1044,
139.7060, 103.1423

 32.4637, 46.2029,
28.1806


137.1610,
174.5825, 132.7568

 21.8732, 32.4060,
18.2216


171.0070,
214.8282, 167.5581

 13.8798, 21.6718,
10.9381

210.0075,
260.8274, 207.9647

 8.1183, 13.6159,
5.9116

254.5281,
312.9645, 254.3951

 4.2232, 7.8540,
2.7235

304.9340,

 1.8291, 4.0017,

371.6238, 307.2679

0.9552

361.5906,
437.1899, 367.0015

■ 0.5351, 1.6745,
0.0000

■ 0.0000, 0.4071,
0.0000

■ 62.8976, 84.5226,
57.7992

■ 62.8976, 84.5226,
57.7992

■ 55.2362, 80.8390,
45.4226

■ 72.0814, 88.9411,
72.5022

■ 49.0134, 77.8498,
35.2497

■ 82.8621, 94.1306,
89.6382

■ 44.1399, 75.5115,
27.1524

95.0500, 100.0000,
108.9000

■ 40.5154, 73.7757,
20.9878

■ 38.0260, 72.5871,
16.5950

■ 36.5368, 71.8799,
13.7872

■ 35.8449, 71.5547,
12.3342

■ 35.8354, 71.5502,
12.3172

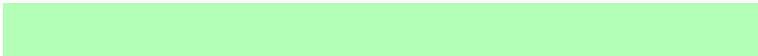
Harmonies

Analogous

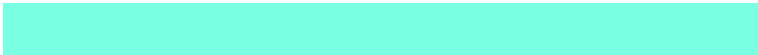
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.2736, 84.5226, 43.2881



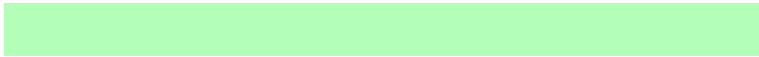
62.8976, 84.5226, 57.7992



59.2385, 84.5226, 84.9146

Triad

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



62.8976, 84.5226, 57.7992



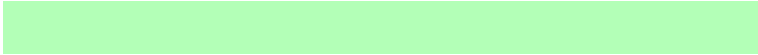
77.8114, 84.5226, 176.0666



103.7288, 84.5226, 67.5878

Complementary

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



62.8976, 84.5226, 57.7992



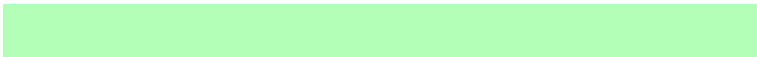
74.7727, 60.4655, 98.9957

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.



105.9284, 84.5226, 99.5338



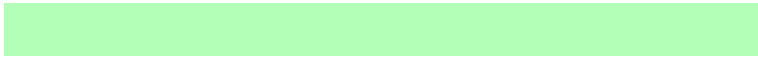
62.8976, 84.5226, 57.7992



90.1362, 84.5226, 168.0609

Square

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



62.8976, 84.5226, 57.7992



67.2703, 84.5226, 157.3775



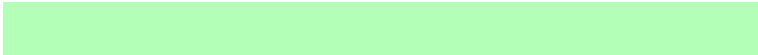
100.7324, 84.5226, 137.6531



94.9930, 84.5226, 47.8602

Rectangle

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



62.8976, 84.5226, 57.7992



59.6728, 84.5226, 108.8962



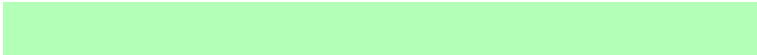
100.7324, 84.5226, 137.6531



105.2915, 84.5226, 77.0033

Sweetspot

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



62.8981, 84.5228, 57.8005



83.7999, 94.5821, 91.1239



83.7526, 95.3211, 56.6329



17.5749, 20.0703, 18.9310



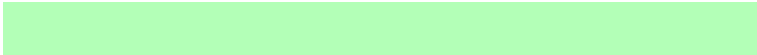
0.0000, 0.0000, 0.0000



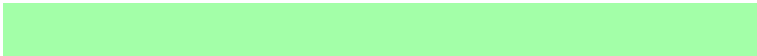
20.3446, 21.4041, 23.3091

Same Dimension

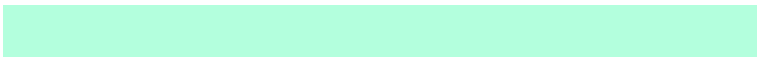
The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.8981, 84.5228, 57.8005



57.9762, 82.1561, 49.8641



67.3752, 86.3137, 81.3765



17.8103, 20.1837, 19.3042



18.7405, 37.3928, 6.5190



1.8377, 3.6460, 0.7033

Inverse Universe

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



74.7727, 60.4655, 98.9957



71.6542, 54.4381, 97.3106



69.3960, 58.3149, 70.6827



18.7489, 18.2829, 22.5610



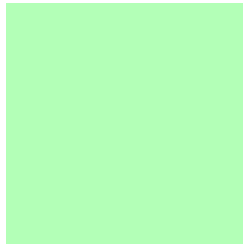
29.9078, 14.4524, 45.0265



2.9242, 1.4120, 4.4481

Previews

White Background



This preview shows how the XYZ color 62.8976, 84.5226, 57.7992 looks on a white background.

Color Contrast Check

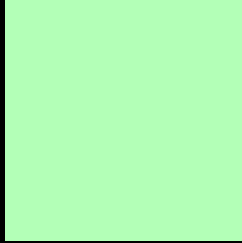
Large Text (above 18pt) WCAG AA × Fail

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 62.8976, 84.5226, 57.7992 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

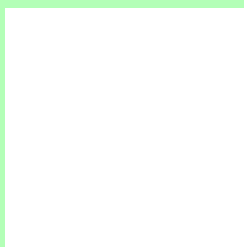
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.8976, 84.5226, 57.7992

Background



This preview shows how black text looks on a background with the XYZ color 62.8976, 84.5226, 57.7992.



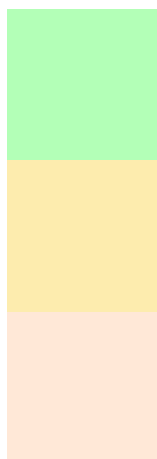
This preview shows how white text looks on a background with the XYZ color 62.8976, 84.5226,

57.7992.

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

62.8976, 84.5226, 57.7992

Protanopia

78.1434, 83.9295, 52.1258

Deuteranopia

82.3624, 83.8795, 76.1394



Tritanopia

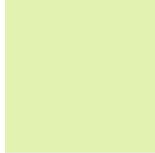
76.0966, 84.2796, 106.8646

Trichromacy



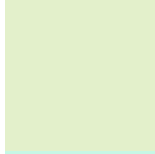
Original Color

62.8976, 84.5226, 57.7992



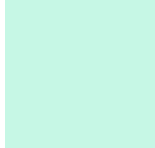
Protanomaly

71.3504, 83.4443, 53.9408



Deuteranomaly

73.6181, 82.9629, 68.6333



Tritanomaly

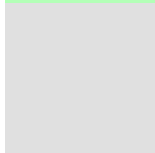
70.6923, 84.1844, 86.6521

Monochromacy



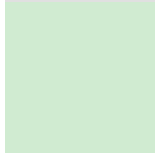
Original Color

62.8976, 84.5226, 57.7992



Achromatopsia

70.8507, 74.5404, 81.1745



Achromatomaly

67.2294, 77.4300, 71.7237

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.8976, 84.5226, 57.7992 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(179, 255, 183)` looks like.

```
.text, #text, p{  
    color:rgb(179, 255, 183)  
}
```

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(179, 255, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 255, 183) }
```

Border

The CSS property to change the border of an element to XYZ 62.8976, 84.5226, 57.7992 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(179, 255, 183) }
```


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

```
.border{ border-color:rgb(179, 255, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 255, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 255, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 255, 183);  
box-shadow:4px 4px 4px 4px rgb(179, 255,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 62.8976, 84.5226, 57.7992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 255, 183) }
```

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

```
.background{ background-color: rgb(179,  
255, 183) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor