

# Converting Colors

XYZ(60.9567, 82.3981, 54.1881)

Have a look what the booklet for  
XYZ(60.9567, 82.3981, 54.1881)  
contains.

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# Color

**XYZ(60.8777, 82.1422,  
54.2414)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B1FCB1
RGB	177, 252, 177
RGB Percent	69%, 99%, 69%
CMY	0.3059, 0.0117, 0.3059
CMYK	0.30, 0.00, 0.30, 0.01
HSL	120°, 93%, 84%
HSV	120°, 30%, 99%
XYZ	60.8777, 82.1422, 54.2414
YIQ	221.0250, -20.6250, -39.2250

# Conversions

## Conversions Part 2

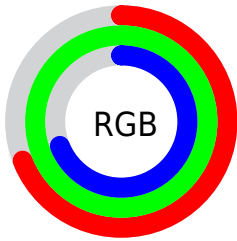
<b>Format</b>	<b>Color</b>
<b>RYB</b>	177, 252, 252
Decimal	11664561
CIELab	92.64, -37.27, 28.76
CIELCh	93, 47.074, 142.340
Yxy	82.1422, 0.3086, 0.4164
Android (android.graphics.Color)	4289854641 (0xFFB1FCB1)
YUV	221.0250, -21.7043, -38.6099
Hunter-Lab	90.6323, -38.7082, 27.9589

# Details

The XYZ color **60.8777, 82.1422, 54.2414** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **73.4405, 59.1698, 99.6490**, and the grayscale version is **68.9046, 72.4930, 78.9448**.

A 20% lighter version of the original color is **84.3997, 94.8956, 90.9591**, and **31.1792, 44.6230, 26.0386** is the 20% darker color. If you saturate the color by 10%, you get **53.3750, 78.5407, 41.9676**, and if you desaturate by 10%, it is **69.9085, 86.4826, 69.0112**.

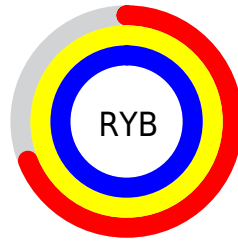
# Distribution



Red (69%)

Green (99%)

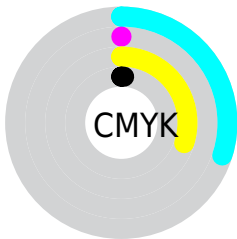
Blue (69%)



Red (69%)

Yellow (99%)

Blue (99%)

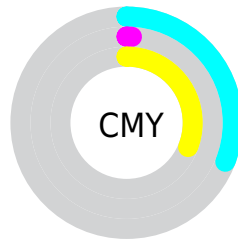


Cyan (30%)

Magenta (0%)

Yellow (30%)

Black (1%)



Cyan (31%)

Magenta (1%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 60.8777, 82.1422, 54.2414 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 60.8777, 82.1422, 54.2414 by changing the saturation by 10% instead.



60.8777, 82.1422,  
54.2414

60.8777, 82.1422,  
54.2414

417.6085,  
502.1232, 420.2305

44.3786, 61.4828,  
38.4002

105.2010,  
136.3734, 97.8886

31.1675, 44.6149,  
25.9892

133.7559,  
170.7139, 126.5316

20.8789, 31.1542,  
16.5899

167.0601,  
210.3836, 160.2790

13.1474, 20.7163,  
9.7837

205.4790,  
255.7669, 199.5494

7.6079, 12.9168,  
5.1520

249.3779,  
307.2481, 244.7611

3.8947, 7.3713,  
2.2764


299.1223,


1.6428, 3.6954,


365.2116, 296.3329

0.7180


355.0773,  
430.0418, 354.6831


 0.4200, 1.5046,  
0.0000


 0.0000, 0.2920,  
0.0000


 60.8777, 82.1422,  
54.2414


 60.8777, 82.1422,  
54.2414


 53.3750, 78.5407,  
41.9676


 69.9085, 86.4826,  
69.0112


 47.3099, 75.6273,  
32.0470

 80.5384, 91.5887,  
86.3984

 42.5924, 73.3613,  
24.3307

 92.8420, 97.4987,  
106.5231

 39.1199, 71.6933,  
18.6506

 94.1020, 98.1040,  
108.5840

■ 36.7747, 70.5668,  
14.8147

■ 35.4171, 69.9146,  
12.5939

■ 34.8228, 69.6291,  
11.6217

■ 34.8120, 69.6240,  
11.6041

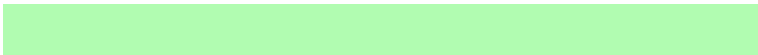
# Harmonies

## Analogous

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



69.4615, 82.1422, 40.4422



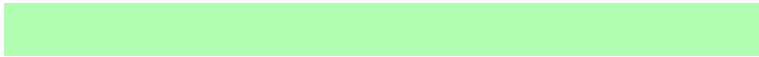
60.8777, 82.1422, 54.2414



56.9857, 82.1422, 80.7483

# Triad

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



60.8777, 82.1422, 54.2414



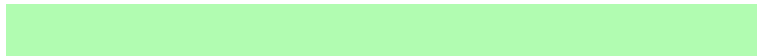
74.9771, 82.1422, 174.2989



101.9400, 82.1422, 66.1777

# Complementary

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



60.8777, 82.1422, 54.2414



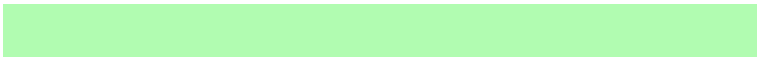
73.4405, 59.1698, 99.6490

# 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.



103.8116, 82.1422, 98.7316



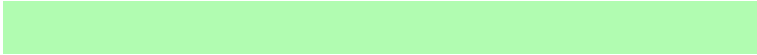
60.8777, 82.1422, 54.2414



87.3699, 82.1422, 167.4333

# Square

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



60.8777, 82.1422, 54.2414



64.5534, 82.1422, 154.1482



98.2366, 82.1422, 137.2889

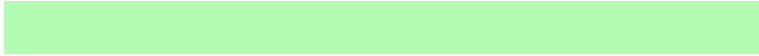


93.3612, 82.1422, 45.9718



# Rectangle

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



60.8777, 82.1422, 54.2414



57.2569, 82.1422, 104.6384



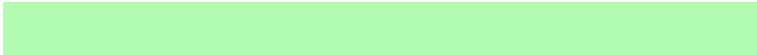
98.2366, 82.1422, 137.2889



103.4083, 82.1422, 75.7875

# Sweetspot

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



60.8798, 82.1457, 54.2432



83.6276, 94.5132, 90.2166



82.8947, 93.4947, 55.2730



17.5329, 20.0535, 18.7100



0.0000, 0.0000, 0.0000

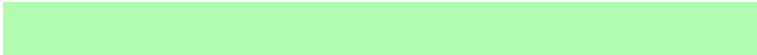


20.3446, 21.4041, 23.3091

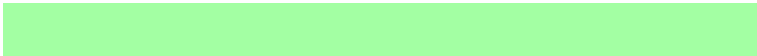


# Same Dimension

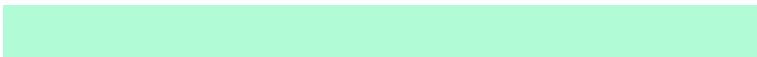
The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.8798, 82.1457, 54.2432



57.5341, 81.9792, 47.5361



65.1458, 83.8520, 76.7073



17.0175, 19.3093, 18.2926



18.1331, 36.2663, 6.0444



1.6794, 3.3589, 0.5598



# Inverse Universe

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



73.4405, 59.1698, 99.6490



72.4225, 54.7454, 101.3566



68.0711, 57.0220, 71.3744



17.9931, 17.5246, 21.8195



30.0644, 14.4415, 49.1751

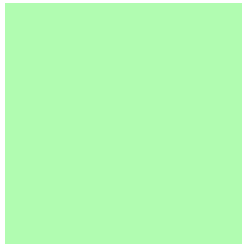


2.7845, 1.3375, 4.5545



# Previews

## White Background



This preview shows how the XYZ color 60.8777, 82.1422, 54.2414 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 60.8777, 82.1422, 54.2414 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

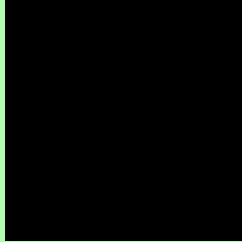
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 60.8777, 82.1422, 54.2414

## Background



This preview shows how black text looks on a background with the XYZ color 60.8777, 82.1422, 54.2414.



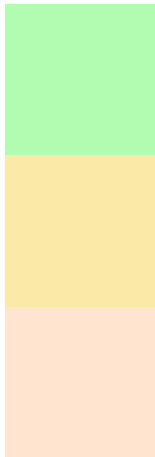
This preview shows how white text looks on a background with the XYZ color 60.8777, 82.1422,



# 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**

60.8777, 82.1422, 54.2414

**Protanopia**

75.9905, 81.6142, 48.7938

**Deuteranopia**

80.3686, 81.3009, 71.1313



## Tritanopia

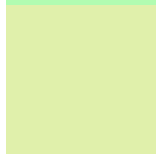
73.5672, 82.0967, 106.5766

# Trichromacy



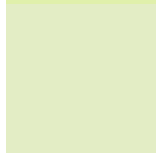
## Original Color

60.8777, 82.1422, 54.2414



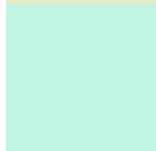
## Protanomaly

69.2512, 81.1077, 50.5335



## Deuteranomaly

72.0408, 80.9305, 64.6475



## Tritanomaly

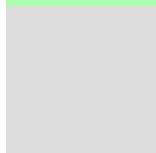
68.2081, 81.5849, 84.8256

# Monochromacy



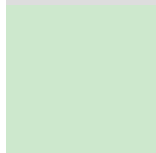
## Original Color

60.8777, 82.1422, 54.2414



## Achromatopsia

68.7264, 72.3055, 78.7407



## Achromatomaly

65.0529, 75.1001, 68.8247

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 60.8777, 82.1422, 54.2414 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(177, 252, 177)` looks like.

```
.text, #text, p{  
    color:rgb(177, 252, 177)  
}
```

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(177, 252, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 252, 177) }
```

## Border

The CSS property to change the border of an element to XYZ 60.8777, 82.1422, 54.2414 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(177, 252, 177) }
```



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

```
.border{ border-color:rgb(177, 252, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 252, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 252, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 252, 177);  
box-shadow:4px 4px 4px 4px rgb(177, 252,  
177) }
```

# Background

The CSS property to change the background color of an element to XYZ 60.8777, 82.1422, 54.2414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 252, 177) }
```

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

```
.background{ background-color: rgb(177,  
252, 177) }
```

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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