

Converting Colors

XYZ(60.4330, 83.3717, 52.2773)

Have a look what the booklet for
XYZ(60.4330, 83.3717, 52.2773)
contains.

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Color

**XYZ(60.5364, 83.4214,
52.4465)**

Conversions

Conversions Part 1

Format	Color
Hex	ADFFAD
RGB	173, 255, 173
RGB Percent	68%, 100%, 68%
CMY	0.3216, 0.0000, 0.3216
CMYK	0.32, 0.00, 0.32, 0.00
HSL	120°, 100%, 84%
HSV	120°, 32%, 100%
XYZ	60.5364, 83.4214, 52.4465
YIQ	221.1340, -22.5500, -42.8860

Conversions

Conversions Part 2

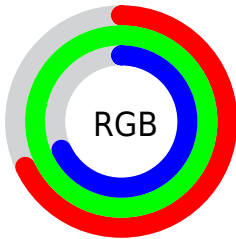
Format	Color
RYB	173, 255, 255
Decimal	11403181
CIELab	93.20, -40.49, 31.50
CIELCh	93, 51.299, 142.122
Yxy	83.4214, 0.3082, 0.4247
Android (android.graphics.Color)	4289593261 (0xFFADFFAD)
YUV	221.1340, -23.7301, -42.2135
Hunter-Lab	91.3353, -41.5283, 29.8893

Details

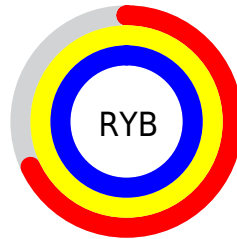
The XYZ color **60.5364, 83.4214, 52.4465** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **74.2335, 58.3674, 101.9600**, and the grayscale version is **68.9938, 72.5868, 79.0471**.

A 20% lighter version of the original color is **82.5360, 94.0001, 87.9225**, and **31.0555, 45.5958, 24.9334** is the 20% darker color. If you saturate the color by 10%, you get **53.1887, 79.8919, 40.4285**, and if you desaturate by 10%, it is **69.4321, 87.6944, 66.9975**.

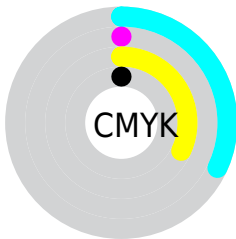
Distribution



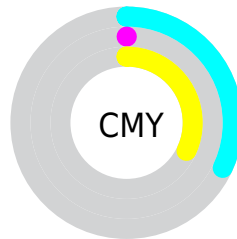
- Red (68%)
- Green (100%)
- Blue (68%)



- Red (68%)
- Yellow (100%)
- Blue (100%)



- Cyan (32%)
- Magenta (0%)
- Yellow (32%)
- Black (0%)



- Cyan (32%)
- Magenta (0%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.5364, 83.4214, 52.4465 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 60.5364, 83.4214, 52.4465 by changing the saturation by 10% instead.

60.5364, 83.4214,
52.4465

60.5364, 83.4214,
52.4465

416.3752,
506.3899, 413.1638

44.1022, 62.5378,
36.9764

104.7093,
138.1655, 95.2227

30.9492, 45.4674,
24.8936

133.1788,
172.7949, 123.3658

20.7118, 31.8258,
15.7795

166.3907,
212.7749, 156.5704

13.0247, 21.2285,
9.2156

204.7105,
258.4901, 195.2550

7.5227, 13.2911,
4.7833

248.5035,
310.3248, 239.8381

3.8403, 7.6293,
2.0642

298.1351,


1.6122, 3.8587,


368.6634, 290.7382


0.5943


353.9705,
433.8903, 348.3740

 0.4003, 1.5948,
0.0000


 0.0000, 0.3541,
0.0000


 60.5364, 83.4214,
52.4465


 60.5364, 83.4214,
52.4465


 53.1887, 79.8919,
40.4285

 69.4321, 87.6944,
66.9975

 47.2993, 77.0629,
30.7952

 79.9555, 92.7494,
84.2105

 42.7714, 74.8879,
23.3889

 92.1829, 98.6228,
104.2104

 39.4961, 73.3146,
18.0315

95.0500, 100.0000,
108.9000

■ 37.3478, 72.2827,
14.5174

■ 36.1748, 71.7193,
12.5987

■ 35.7600, 71.5200,
11.9201

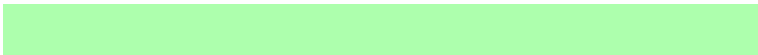
Harmonies

Analogous

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



69.9219, 83.4214, 37.9511



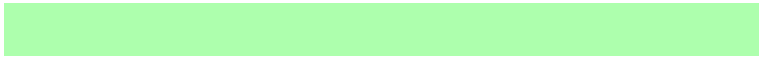
60.5364, 83.4214, 52.4465



56.2820, 83.4214, 81.0306

Triad

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



60.5364, 83.4214, 52.4465



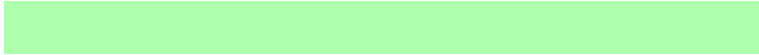
75.7890, 83.4214, 186.0137



105.8123, 83.4214, 65.6425

Complementary

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



60.5364, 83.4214, 52.4465



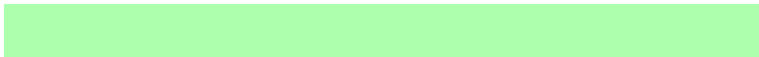
74.2335, 58.3674, 101.9600

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.



107.8419, 83.4214, 101.3930



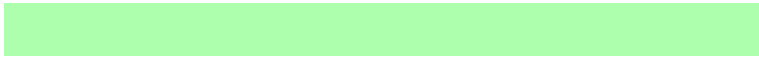
60.5364, 83.4214, 52.4465



89.4585, 83.4214, 178.4346

Square

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



60.5364, 83.4214, 52.4465



64.4136, 83.4214, 162.9437



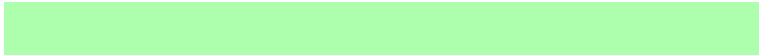
101.5634, 83.4214, 144.4693



96.2958, 83.4214, 43.9275

Rectangle

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



60.5364, 83.4214, 52.4465



56.5477, 83.4214, 107.3323



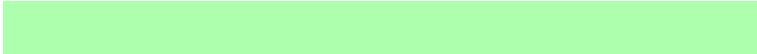
101.5634, 83.4214, 144.4693



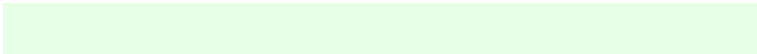
107.4332, 83.4214, 76.1153

Sweetspot

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



60.5369, 83.4216, 52.4478



82.4457, 93.9455, 88.2836



84.5429, 95.7972, 53.5705



17.2975, 19.9404, 18.3250



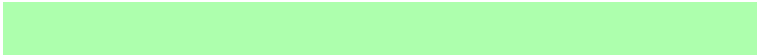
0.0000, 0.0000, 0.0000



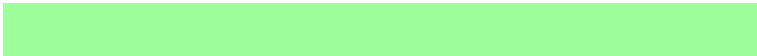
20.3446, 21.4041, 23.3091

Same Dimension

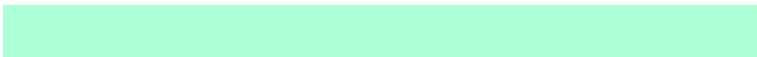
The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.5369, 83.4216, 52.4478



55.3462, 80.9283, 43.9575



65.1315, 85.2594, 76.6426



17.7717, 20.1682, 19.1006



18.6854, 37.3707, 6.2286



1.8193, 3.6387, 0.6065

Inverse Universe

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



74.2335, 58.3674, 101.9600



71.1028, 52.1061, 100.9162



68.3214, 56.0026, 70.8273



18.7927, 18.3004, 22.7917



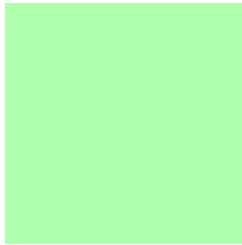
30.9799, 14.8813, 50.6721



3.0164, 1.4489, 4.9338

Previews

White Background



This preview shows how the XYZ color 60.5364, 83.4214, 52.4465 looks on a white background.

Color Contrast Check

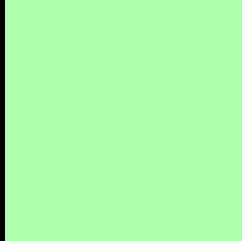
Large Text (above 18pt) WCAG AA × Fail

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 60.5364, 83.4214, 52.4465 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 60.5364, 83.4214, 52.4465

Background



This preview shows how black text looks on a background with the XYZ color 60.5364, 83.4214, 52.4465.



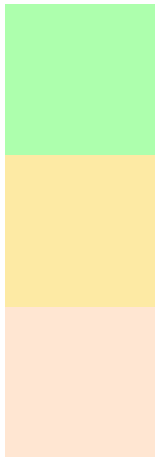
This preview shows how white text looks on a background with the XYZ color 60.5364, 83.4214,

52.4465.

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

60.5364, 83.4214, 52.4465

Protanopia

76.6317, 82.4086, 46.9895

Deuteranopia

81.1697, 82.5068, 72.6201



Tritanopia

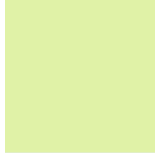
74.4071, 82.9680, 106.7005

Trichromacy



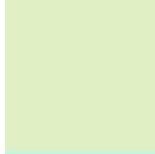
Original Color

60.5364, 83.4214, 52.4465



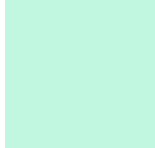
Protanomaly

69.4677, 82.1416, 48.7528



Deuteranomaly

71.9959, 81.7718, 64.8123



Tritanomaly

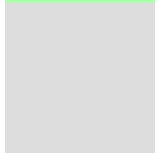
68.5387, 82.6852, 83.5816

Monochromacy



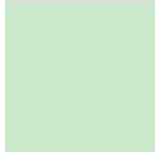
Original Color

60.5364, 83.4214, 52.4465



Achromatopsia

68.7264, 72.3055, 78.7407



Achromatomaly

64.9398, 75.4748, 68.2721

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5364, 83.4214, 52.4465 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(173, 255, 173)` looks like.

```
.text, #text, p{  
    color:rgb(173, 255, 173)  
}
```

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(173, 255, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 255, 173) }
```

Border

The CSS property to change the border of an element to XYZ 60.5364, 83.4214, 52.4465 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(173, 255, 173) }
```


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

```
.border{ border-color:rgb(173, 255, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 255, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 255, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 255, 173);  
box-shadow:4px 4px 4px 4px rgb(173, 255,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5364, 83.4214, 52.4465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 255, 173) }
```

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

```
.background{ background-color: rgb(173,  
255, 173) }
```

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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