

Converting Colors

XYZ(61.5682, 84.1604, 43.1366)

Have a look what the booklet for
XYZ(61.5682, 84.1604, 43.1366)
contains.

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Color

**XYZ(61.5174, 84.1342,
43.1342)**

Conversions

Conversions Part 1

Format	Color
Hex	B9FF99
RGB	185, 255, 153
RGB Percent	73%, 100%, 60%
CMY	0.2745, 0.0000, 0.4000
CMYK	0.27, 0.00, 0.40, 0.00
HSL	101°, 100%, 80%
HSV	101°, 40%, 100%
XYZ	61.5174, 84.1342, 43.1342
YIQ	222.4420, -8.9780, -46.5620

Conversions

Conversions Part 2

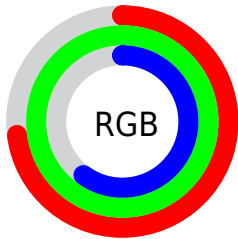
Format	Color
RYB	153, 255, 223
Decimal	12189593
CIELab	93.51, -39.52, 41.92
CIElCh	94, 57.610, 133.309
Yxy	84.1342, 0.3259, 0.4457
Android (android.graphics.Color)	4290379673 (0xFFB9FF99)
YUV	222.4420, -34.2349, -32.8366
Hunter-Lab	91.7247, -40.8029, 36.3257

Details

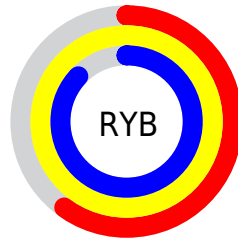
The XYZ color **61.5174, 84.1342, 43.1342** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **59.8738, 45.6917, 100.2714**, and the grayscale version is **69.9826, 73.6272, 80.1800**.

A 20% lighter version of the original color is **84.1073, 95.1288, 73.6033**, and **31.5476, 45.9754, 19.2680** is the 20% darker color. If you saturate the color by 10%, you get **55.6659, 81.3356, 33.0164**, and if you desaturate by 10%, it is **68.3394, 87.3812, 55.6491**.

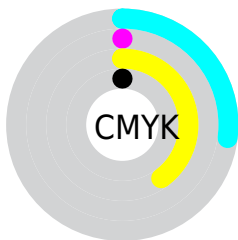
Distribution



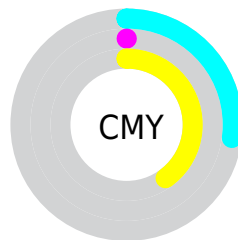
- Red (73%)
- Green (100%)
- Blue (60%)



- Red (60%)
- Yellow (100%)
- Blue (87%)



- Cyan (27%)
- Magenta (0%)
- Yellow (40%)
- Black (0%)




- Cyan (27%)
- Magenta (0%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.5174, 84.1342, 43.1342 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 61.5174, 84.1342, 43.1342 by changing the saturation by 10% instead.


 61.5174, 84.1342,
43.1342

 61.5174, 84.1342,
43.1342


419.9142,
508.7588, 375.1008

 44.8970, 63.1262,
29.6582


 106.1216,
139.1629, 81.2019

 31.5772, 45.9433,
19.3295


 134.8361,
173.9524, 106.6306

 21.1928, 32.2011,
11.7294


168.3127,
214.1046, 136.8808

 13.3782, 21.5152,
6.4394

206.9167,
260.0038, 172.3708

 7.7683, 13.5011,
3.0410

251.0135,
312.0344, 213.5193

 3.9976, 7.7745,
1.1156

300.9685,

 1.7008, 3.9510,

370.5808, 260.7448

0.0000

357.1469,
436.0275, 314.4658

■ 0.4568, 1.6462,
0.0000

■ 0.0000, 0.3884,
0.0000

■ 61.5174, 84.1342,
43.1342

■ 61.5174, 84.1342,
43.1342

■ 55.6659, 81.3356,
33.0164

■ 68.3394, 87.3812,
55.6491

■ 50.7361, 78.9634,
25.1385

■ 76.1751, 91.0956,
70.6969

■ 46.6762, 76.9948,
19.3309

■ 85.0660, 95.2963,
88.4080

■ 43.4278, 75.4039,
15.3978

95.0500, 100.0000,
108.9000

■ 40.9241, 74.1613,
13.1060

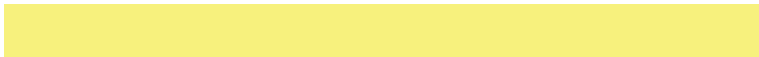
■ 39.0682, 73.2254,
12.0749

■ 39.0680, 73.2253,
12.0748

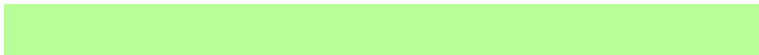
Harmonies

Analogous

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



73.4143, 84.1342, 31.8366



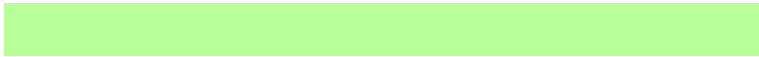
61.5174, 84.1342, 43.1342



55.0717, 84.1342, 69.5725

Triad

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



61.5174, 84.1342, 43.1342



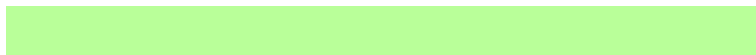
71.8488, 84.1342, 197.6937



111.9789, 84.1342, 73.6282

Complementary

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



61.5174, 84.1342, 43.1342



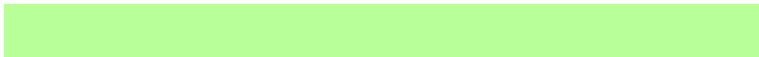
59.8738, 45.6917, 100.2714

Split Complementary

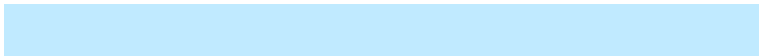
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



111.4201, 84.1342, 117.8644



61.5174, 84.1342, 43.1342



86.8985, 84.1342, 199.8405

Square

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



61.5174, 84.1342, 43.1342



60.4972, 84.1342, 162.0057



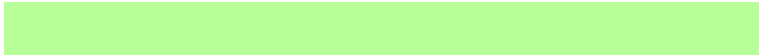
101.7795, 84.1342, 167.1775



103.2213, 84.1342, 45.2871

Rectangle

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



61.5174, 84.1342, 43.1342



54.1529, 84.1342, 96.5338



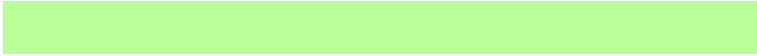
101.7795, 84.1342, 167.1775



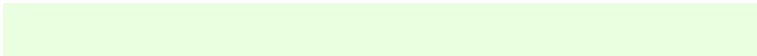
112.9046, 84.1342, 86.8524

Sweetspot

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



61.5178, 84.1344, 43.1355



83.2004, 94.4159, 84.6447



73.2978, 76.1757, 40.9784



17.5527, 20.0882, 17.6044



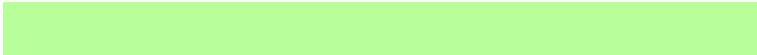
0.0000, 0.0000, 0.0000



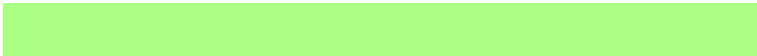
20.3446, 21.4041, 23.3091

Same Dimension

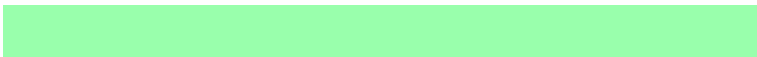
The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.5178, 84.1344, 43.1355



56.7603, 81.8602, 34.8547



56.3152, 81.2597, 51.5966



18.3077, 20.4445, 19.1256



20.5487, 38.3313, 6.3157



2.1078, 3.7874, 0.6199

Inverse Universe

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



59.8738, 45.6917, 100.2714



54.8798, 38.5764, 99.1613



67.8157, 50.1170, 85.6853



18.2058, 17.9978, 22.7643



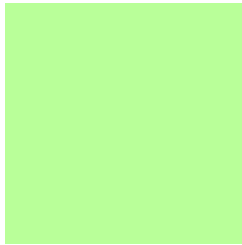
18.8307, 8.6181, 50.1055



1.9463, 0.8973, 4.8839

Previews

White Background



This preview shows how the XYZ color 61.5174, 84.1342, 43.1342 looks on a white background.

Color Contrast Check

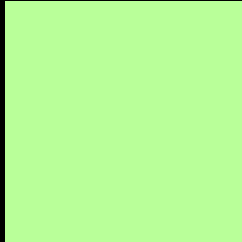
Large Text (above 18pt) WCAG AA × Fail

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 61.5174, 84.1342, 43.1342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

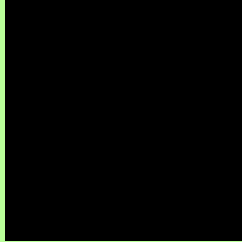
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

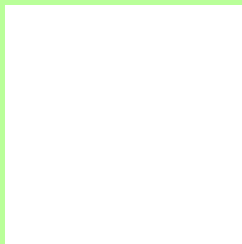
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.5174, 84.1342, 43.1342

Background



This preview shows how black text looks on a background with the XYZ color 61.5174, 84.1342, 43.1342.



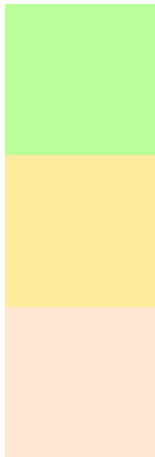
This preview shows how white text looks on a background with the XYZ color 61.5174, 84.1342, 43.1342.

43.1342.

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

61.5174, 84.1342, 43.1342

Protanopia

77.0341, 83.1110, 43.8802

Deuteranopia

81.3245, 83.0153, 72.0589



Tritanopia

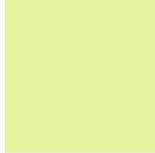
76.3615, 83.5372, 106.7074

Trichromacy



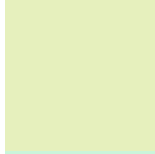
Original Color

61.5174, 84.1342, 43.1342



Protanomaly

70.3860, 82.7276, 43.7108



Deuteranomaly

72.9785, 82.8173, 60.2831



Tritanomaly

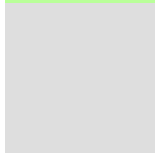
69.6644, 82.9233, 78.6638

Monochromacy



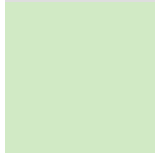
Original Color

61.5174, 84.1342, 43.1342



Achromatopsia

69.4303, 73.0461, 79.5472



Achromatomaly

65.7954, 76.4322, 64.1084

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.5174, 84.1342, 43.1342 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(185, 255, 153)` looks like.

```
.text, #text, p{  
    color:rgb(185, 255, 153)  
}
```

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(185, 255, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 255, 153) }
```

Border

The CSS property to change the border of an element to XYZ 61.5174, 84.1342, 43.1342 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(185, 255, 153) }
```


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

```
.border{ border-color:rgb(185, 255, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 255, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 255, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 255, 153);  
box-shadow:4px 4px 4px 4px rgb(185, 255,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 61.5174, 84.1342, 43.1342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 255, 153) }
```

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

```
.background{ background-color: rgb(185,  
255, 153) }
```

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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