

Converting Colors

XYZ(61.2774, 83.7693, 54.0216)

Have a look what the booklet for
XYZ(61.2774, 83.7693, 54.0216)
contains.

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Color

**XYZ(61.2757, 83.7685,
54.0137)**

Conversions

Conversions Part 1

Format	Color
Hex	AFFF80
RGB	175, 255, 176
RGB Percent	69%, 100%, 69%
CMY	0.3137, 0.0000, 0.3098
CMYK	0.31, 0.00, 0.31, 0.00
HSL	121°, 100%, 84%
HSV	121°, 31%, 100%
XYZ	61.2757, 83.7685, 54.0137
YIQ	222.0740, -22.3210, -41.5290

Conversions

Conversions Part 2

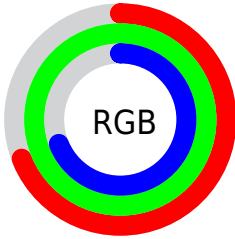
Format	Color
RYB	175, 254, 255
Decimal	11534256
CIELab	93.35, -39.40, 30.21
CIELCh	93, 49.649, 142.519
Yxy	83.7685, 0.3078, 0.4208
Android (android.graphics.Color)	4289724336 (0xFFAFFFB0)
YUV	222.0740, -22.7145, -41.2839
Hunter-Lab	91.5251, -40.6640, 29.0775

Details

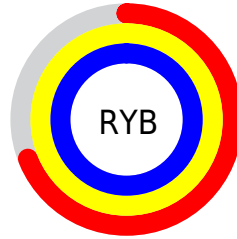
The XYZ color **61.2757, 83.7685, 54.0137** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **74.4595, 59.0762, 101.2435**, and the grayscale version is **69.6499, 73.2771, 79.7987**.

A 20% lighter version of the original color is **83.6042, 94.5020, 90.1782**, and **31.5150, 45.8113, 25.9203** is the 20% darker color. If you saturate the color by 10%, you get **53.8176, 80.1854, 41.8431**, and if you desaturate by 10%, it is **70.2778, 88.0942, 68.6714**.

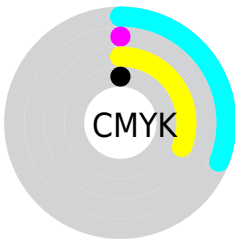
Distribution



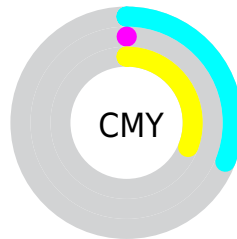
- Red (69%)
- Green (100%)
- Blue (69%)



- Red (69%)
- Yellow (100%)
- Blue (100%)



- Cyan (31%)
- Magenta (0%)
- Yellow (31%)
- Black (0%)



- Cyan (31%)
- Magenta (0%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.2757, 83.7685, 54.0137 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 61.2757, 83.7685, 54.0137 by changing the saturation by 10% instead.


 61.2757, 83.7685,
54.0137

 61.2757, 83.7685,
54.0137

419.0439,
507.5442, 419.3383

 44.7011, 62.8243,
38.2194


 105.7739,
138.6513, 97.5510

 31.4223, 45.6991,
25.8498


134.4282,
173.3587, 126.1310

 21.0741, 32.0084,
16.4866


167.8397,
213.4226, 159.8100

 13.2909, 21.3679,
9.7110

206.3739,
259.2275, 199.0064

 7.7076, 13.3932,
5.1047

250.3960,
311.1577, 244.1390

 3.9586, 7.6999,
2.2490


300.2715,


 1.6787, 3.9035,


369.5976, 295.6261


0.7024


356.3657,
434.9316, 353.8864

 0.4429, 1.6197,
0.0000


 0.0000, 0.3709,
0.0000


 61.2757, 83.7685,
54.0137


 61.2757, 83.7685,
54.0137


 53.8176, 80.1854,
41.8431


 70.2778, 88.0942,
68.6714

 47.8151, 77.3023,
32.0181

 80.9020, 93.2000,
85.9393

 43.1739, 75.0737,
24.3888

 93.2233, 99.1220,
105.9372

 39.7873, 73.4484,
18.7867

95.0500, 100.0000,
108.9000

■ 37.5334, 72.3675,
15.0188

■ 36.2655, 71.7604,
12.8548

■ 35.7775, 71.5270,
12.0121

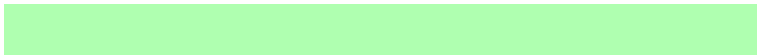
Harmonies

Analogous

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



70.3667, 83.7685, 39.5257



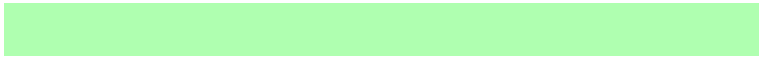
61.2757, 83.7685, 54.0137



57.1879, 83.7685, 82.1461

Triad

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



61.2757, 83.7685, 54.0137



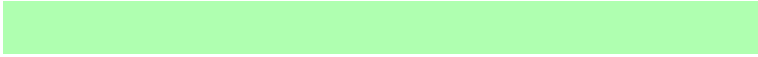
76.3884, 83.7685, 182.9314



105.1963, 83.7685, 66.3020

Complementary

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



61.2757, 83.7685, 54.0137



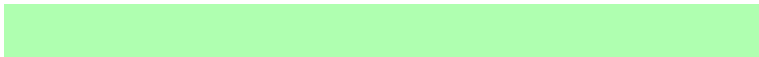
74.4595, 59.0762, 101.2435

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.



107.2618, 83.7685, 100.9165



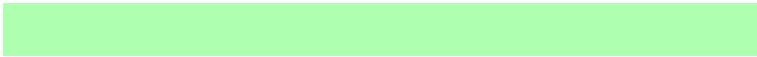
61.2757, 83.7685, 54.0137



89.6497, 83.7685, 175.2782

Square

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



61.2757, 83.7685, 54.0137



65.2698, 83.7685, 161.1734



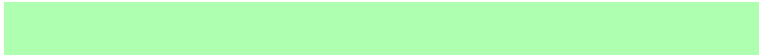
101.3012, 83.7685, 142.4578



95.9317, 83.7685, 45.1451

Rectangle

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



61.2757, 83.7685, 54.0137



57.4964, 83.7685, 107.7379



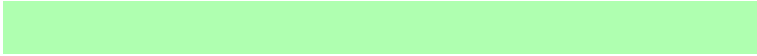
101.3012, 83.7685, 142.4578



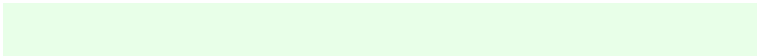
106.7940, 83.7685, 76.4647

Sweetspot

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



61.2763, 83.7688, 54.0150



83.6684, 94.5296, 90.4315



84.7380, 95.8752, 54.5978



17.5428, 20.0575, 18.7624



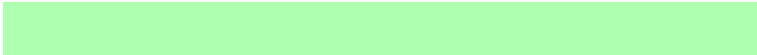
0.0000, 0.0000, 0.0000



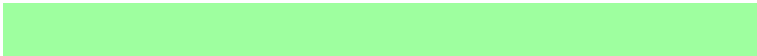
20.3446, 21.4041, 23.3091

Same Dimension

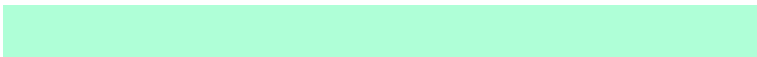
The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.2763, 83.7688, 54.0150



56.1654, 81.3133, 45.6781



65.7054, 85.5405, 77.3384



17.7808, 20.1719, 19.1488



18.6985, 37.3760, 6.2975



1.8237, 3.6404, 0.6295

Inverse Universe

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



74.4595, 59.0762, 101.2435



71.3393, 52.8900, 100.0364



68.8361, 56.8269, 71.6311



18.7823, 18.2962, 22.7368



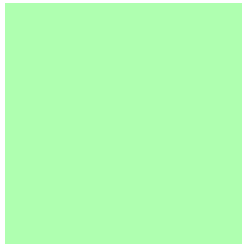
30.7186, 14.7767, 49.2958



2.9940, 1.4400, 4.8158

Previews

White Background



This preview shows how the XYZ color 61.2757, 83.7685, 54.0137 looks on a white background.

Color Contrast Check

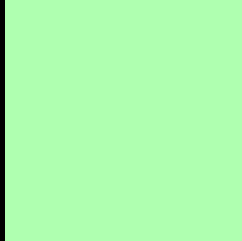
Large Text (above 18pt) WCAG AA × Fail

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 61.2757, 83.7685, 54.0137 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 61.2757, 83.7685, 54.0137

Background



This preview shows how black text looks on a background with the XYZ color 61.2757, 83.7685, 54.0137.

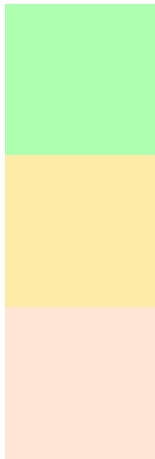


This preview shows how white text looks on a background with the XYZ color 61.2757, 83.7685,

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

61.2757, 83.7685, 54.0137

Protanopia

77.1914, 83.0893, 48.5286

Deuteranopia

81.4205, 82.6071, 73.9408



Tritanopia

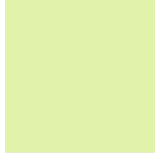
74.9589, 83.2524, 106.7263

Trichromacy



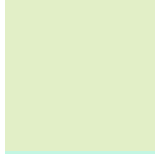
Original Color

61.2757, 83.7685, 54.0137



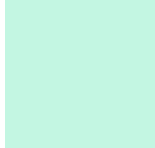
Protanomaly

70.0592, 82.4141, 50.2452



Deuteranomaly

72.5393, 82.0253, 66.0421



Tritanomaly

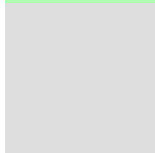
69.1889, 83.0046, 84.3264

Monochromacy



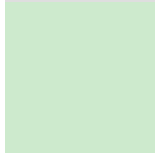
Original Color

61.2757, 83.7685, 54.0137



Achromatopsia

69.4303, 73.0461, 79.5472



Achromatomaly

65.6191, 76.2326, 69.0135

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.2757, 83.7685, 54.0137 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(175, 255, 176)` looks like.

```
.text, #text, p{  
    color:rgb(175, 255, 176)  
}
```

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(175, 255, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 255, 176) }
```

Border

The CSS property to change the border of an element to XYZ 61.2757, 83.7685, 54.0137 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(175, 255, 176) }
```


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

```
.border{ border-color:rgb(175, 255, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 255, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 255, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 255, 176);  
box-shadow:4px 4px 4px 4px rgb(175, 255,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 61.2757, 83.7685, 54.0137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 255, 176) }
```

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

```
.background{ background-color: rgb(175,  
255, 176) }
```

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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