

Converting Colors

XYZ(60.3217, 83.1909, 57.8473)

Have a look what the booklet for
XYZ(60.3217, 83.1909, 57.8473)
contains.

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Color

**XYZ(60.2436, 83.1544,
57.6750)**

Conversions

Conversions Part 1

Format	Color
Hex	A7FFB7
RGB	167, 255, 183
RGB Percent	65%, 100%, 72%
CMY	0.3451, 0.0000, 0.2823
CMYK	0.35, 0.00, 0.28, 0.00
HSL	131°, 100%, 83%
HSV	131°, 35%, 100%
XYZ	60.2436, 83.1544, 57.6750
YIQ	220.4800, -29.3360, -41.0480

Conversions

Conversions Part 2

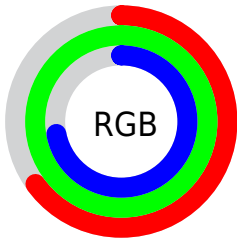
Format	Color
RYB	167, 241, 255
Decimal	11009975
CIELab	93.08, -40.68, 26.25
CIELCh	93, 48.417, 147.169
Yxy	83.1544, 0.2996, 0.4136
Android (android.graphics.Color)	4289200055 (0xFFA7FFB7)
YUV	220.4800, -18.4776, -46.9020
Hunter-Lab	91.1890, -41.6556, 26.3327

Details

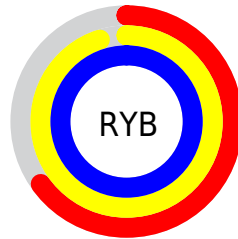
The XYZ color **60.2436, 83.1544, 57.6750** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **70.6388, 55.1299, 88.5787**, and the grayscale version is **68.5025, 72.0700, 78.4842**.

A 20% lighter version of the original color is **82.0805, 93.5993, 95.4017**, and **30.9054, 45.4446, 28.2619** is the 20% darker color. If you saturate the color by 10%, you get **53.3639, 79.8404, 46.8455**, and if you desaturate by 10%, it is **68.5084, 87.1452, 70.2523**.

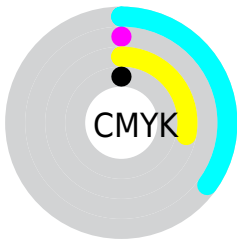
Distribution



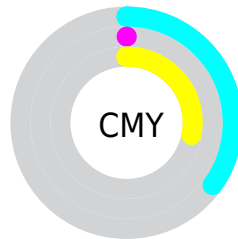
- Red (65%)
- Green (100%)
- Blue (72%)



- Red (65%)
- Yellow (95%)
- Blue (100%)



- Cyan (35%)
- Magenta (0%)
- Yellow (28%)
- Black (0%)





- Cyan (35%)
- Magenta (0%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.2436, 83.1544, 57.6750 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 60.2436, 83.1544, 57.6750 by changing the saturation by 10% instead.


 60.2436, 83.1544,
57.6750

 60.2436, 83.1544,
57.6750


415.3155,
505.5010, 433.5382

 43.8652, 62.3175,
41.1345


 104.2873,
137.7917, 102.9595

 30.7620, 45.2893,
28.1037


132.6833,
172.3609, 132.5406

 20.5686, 31.6854,
18.1641


165.8159,
212.2763, 167.3056

 12.9197, 21.1213,
10.8972

204.0505,
257.9224, 207.6730

 7.4499, 13.2127,
5.8845

247.7524,
309.6835, 254.0615

 3.7938, 7.5752,
2.7073

297.2870,

 1.5862, 3.8243,

367.9441, 306.8895

0.9471

353.0195,
433.0884, 366.5755

■ 0.3834, 1.5758,
0.0000

■ 0.0000, 0.3412,
0.0000

■ 60.2436, 83.1544,
57.6750

■ 60.2436, 83.1544,
57.6750

■ 53.3639, 79.8404,
46.8455

■ 68.5084, 87.1452,
70.2523

■ 47.7909, 77.1644,
37.6824

■ 78.2275, 91.8471,
84.6457

■ 43.4407, 75.0850,
30.1042

■ 89.4675, 97.2928,
100.9250

■ 40.2186, 73.5553,
24.0204

95.0500, 100.0000,
108.9000

■ 38.0157, 72.5211,
19.3317

■ 36.7003, 71.9171,
15.9265

■ 36.2604, 71.7202,
14.5551

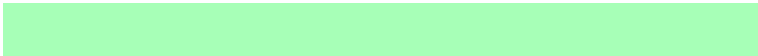
Harmonies

Analogous

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



68.4030, 83.1544, 41.4910



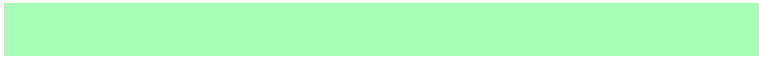
60.2436, 83.1544, 57.6750



57.0716, 83.1544, 87.1310

Triad

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



60.2436, 83.1544, 57.6750



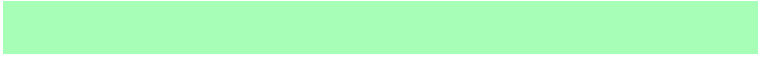
77.8360, 83.1544, 179.8781



102.8086, 83.1544, 62.2180

Complementary

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



60.2436, 83.1544, 57.6750



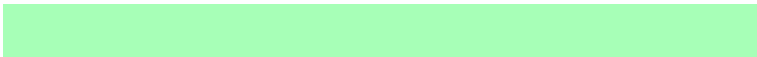
70.6388, 55.1299, 88.5787

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.



106.0161, 83.1544, 94.0388



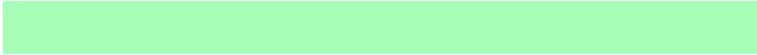
60.2436, 83.1544, 57.6750



90.7170, 83.1544, 168.0874

Square

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



60.2436, 83.1544, 57.6750



66.5235, 83.1544, 162.9243



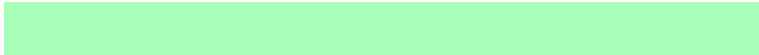
101.3783, 83.1544, 133.9898



93.0261, 83.1544, 43.5779

Rectangle

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



60.2436, 83.1544, 57.6750



57.9276, 83.1544, 112.7908



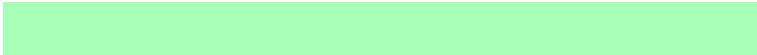
101.3783, 83.1544, 133.9898



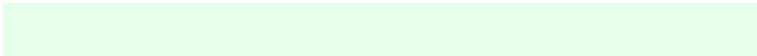
104.7342, 83.1544, 71.4284

Sweetspot

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



60.2442, 83.1547, 57.6763



83.1038, 94.2088, 91.7490



78.7837, 92.8938, 50.3379



17.4552, 20.0035, 19.1553



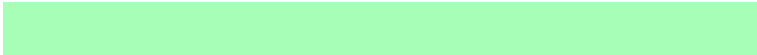
0.0000, 0.0000, 0.0000



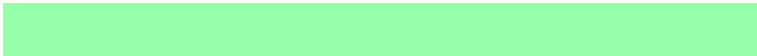
20.3446, 21.4041, 23.3091

Same Dimension

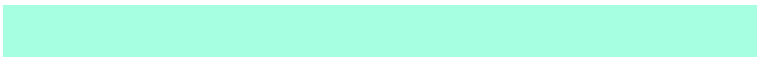
The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.2442, 83.1547, 57.6763



55.6254, 80.9287, 50.4522



65.3785, 85.2084, 84.7133



17.9064, 20.2221, 19.8102



18.9854, 37.4908, 7.8085



1.8832, 3.6642, 0.9429

Inverse Universe

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



70.6388, 55.1299, 88.5787



67.3571, 49.2721, 85.3092



65.0609, 52.8987, 59.2057



18.6426, 18.2404, 22.0011



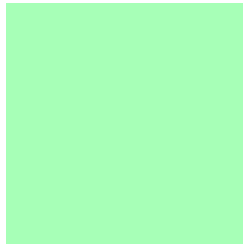
27.5898, 13.5252, 32.8201



2.7215, 1.3310, 3.3810

Previews

White Background



This preview shows how the XYZ color 60.2436, 83.1544, 57.6750 looks on a white background.

Color Contrast Check

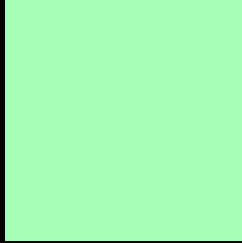
Large Text (above 18pt) WCAG AA × Fail

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 60.2436, 83.1544, 57.6750 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 60.2436, 83.1544, 57.6750

Background



This preview shows how black text looks on a background with the XYZ color 60.2436, 83.1544, 57.6750.



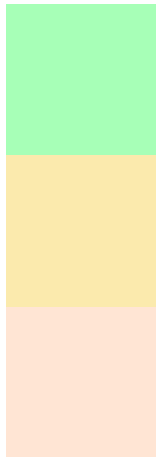
This preview shows how white text looks on a background with the XYZ color 60.2436, 83.1544,

57.6750.

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

60.2436, 83.1544, 57.6750

Protanopia

76.7493, 82.3720, 51.3894

Deuteranopia

81.1430, 82.0521, 73.8483



Tritanopia

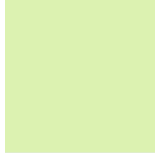
73.5927, 82.5481, 106.6624

Trichromacy



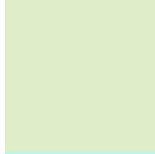
Original Color

60.2436, 83.1544, 57.6750



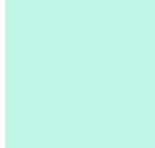
Protanomaly

69.2031, 81.8942, 53.7547



Deuteranomaly

71.5486, 81.0541, 67.1323



Tritanomaly

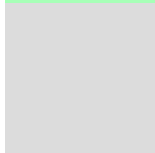
68.0849, 82.3875, 86.4427

Monochromacy



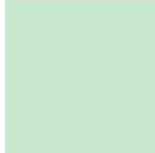
Original Color

60.2436, 83.1544, 57.6750



Achromatopsia

68.0267, 71.5694, 77.9390



Achromatomaly

64.4888, 75.2003, 70.1477

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.2436, 83.1544, 57.6750 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(167, 255, 183)` looks like.

```
.text, #text, p{  
    color:rgb(167, 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(167, 255, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 255, 183) }
```

Border

The CSS property to change the border of an element to XYZ 60.2436, 83.1544, 57.6750 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(167, 255, 183) }
```


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

```
.border{ border-color:rgb(167, 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(167, 255, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 255, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 255, 183);  
box-shadow:4px 4px 4px 4px rgb(167, 255,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 60.2436, 83.1544, 57.6750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 255, 183) }
```

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

```
.background{ background-color: rgb(167,  
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](#).

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