

Converting Colors

XYZ(60.7170, 83.4758, 54.2012)

Have a look what the booklet for
XYZ(60.7170, 83.4758, 54.2012)
contains.

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Color

**XYZ(60.6097, 83.4252,
53.9825)**

Conversions

Conversions Part 1

Format	Color
Hex	ACFFB0
RGB	172, 255, 176
RGB Percent	67%, 100%, 69%
CMY	0.3255, 0.0000, 0.3098
CMYK	0.33, 0.00, 0.31, 0.00
HSL	123°, 100%, 84%
HSV	123°, 33%, 100%
XYZ	60.6097, 83.4252, 53.9825
YIQ	221.1770, -24.1090, -42.1650

Conversions

Conversions Part 2

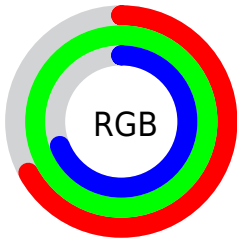
Format	Color
RYB	172, 251, 255
Decimal	11337648
CIELab	93.20, -40.32, 29.98
CIElCh	93, 50.251, 143.367
Yxy	83.4252, 0.3061, 0.4213
Android (android.graphics.Color)	4289527728 (0xFFACFFB0)
YUV	221.1770, -22.2723, -43.1282
Hunter-Lab	91.3374, -41.3914, 28.8944

Details

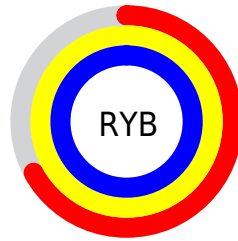
The XYZ color **60.6097, 83.4252, 53.9825** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **73.4051, 57.7305, 98.5400**, and the grayscale version is **69.0149, 72.6091, 79.0713**.

A 20% lighter version of the original color is **82.6386, 94.0042, 90.1330**, and **31.1054, 45.6001, 25.9012** is the 20% darker color. If you saturate the color by 10%, you get **53.3489, 79.9352, 42.2080**, and if you desaturate by 10%, it is **69.3747, 87.6410, 68.0711**.

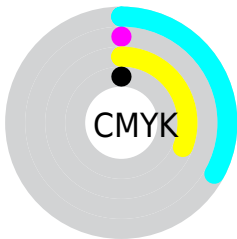
Distribution



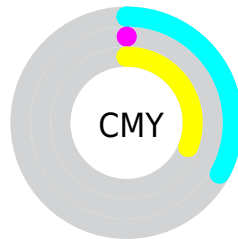
- Red (67%)
- Green (100%)
- Blue (69%)



- Red (67%)
- Yellow (98%)
- Blue (100%)



- Cyan (33%)
- Magenta (0%)
- Yellow (31%)
- Black (0%)




- Cyan (33%)
- Magenta (0%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.6097, 83.4252, 53.9825 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 60.6097, 83.4252, 53.9825 by changing the saturation by 10% instead.


 60.6097, 83.4252,
53.9825

 60.6097, 83.4252,
53.9825


416.6403,
506.4025, 419.2160

 44.1616, 62.5410,
38.1946


 104.8149,
138.1708, 97.5047

 30.9960, 45.4700,
25.8307


133.3028,
172.8010, 126.0761

 20.7476, 31.8278,
16.4724


166.5346,
212.7820, 159.7457

 13.0511, 21.2300,
9.7011

204.8757,
258.4982, 198.9320

 7.5410, 13.2922,
5.0982

248.6914,
310.3339, 244.0537

 3.8520, 7.6301,
2.2453

298.3472,

 1.6187, 3.8592,

368.6736, 295.5292

0.7003

354.2084,
433.9017, 353.7771

■ 0.4046, 1.5951,
0.0000

■ 0.0000, 0.3543,
0.0000

■ 60.6097, 83.4252,
53.9825

■ 60.6097, 83.4252,
53.9825

■ 53.3489, 79.9352,
42.2080

■ 69.3747, 87.6410,
68.0711

■ 47.5062, 77.1294,
32.6202

■ 79.7202, 92.6195,
84.5840

■ 42.9893, 74.9629,
25.0857

■ 91.7193, 98.3962,
103.6291

■ 39.6942, 73.3855,
19.4546

95.0500, 100.0000,
108.9000

■ 37.5016, 72.3391,
15.5568

■ 36.2678, 71.7541,
13.1922

■ 35.8282, 71.5473,
12.2790

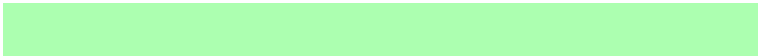
Harmonies

Analogous

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



69.6410, 83.4252, 39.0918



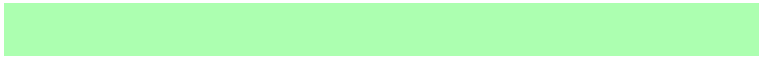
60.6097, 83.4252, 53.9825



56.6478, 83.4252, 82.6914

Triad

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



60.6097, 83.4252, 53.9825



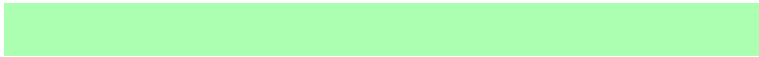
76.3959, 83.4252, 183.9262



104.9654, 83.4252, 64.9347

Complementary

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



60.6097, 83.4252, 53.9825



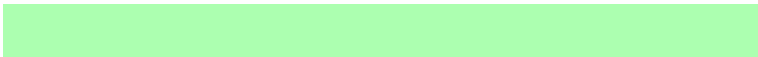
73.4051, 57.7305, 98.5400

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.



107.2886, 83.4252, 99.4983



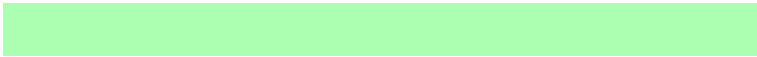
60.6097, 83.4252, 53.9825



89.7983, 83.4252, 175.2963

Square

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



60.6097, 83.4252, 53.9825



65.0847, 83.4252, 162.5945



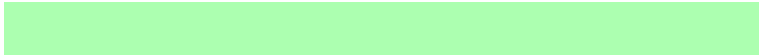
101.4685, 83.4252, 141.5117



95.4322, 83.4252, 44.0786

Rectangle

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



60.6097, 83.4252, 53.9825



57.0629, 83.4252, 108.7098



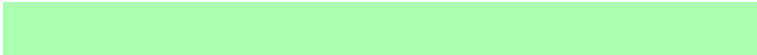
101.4685, 83.4252, 141.5117



106.6561, 83.4252, 75.0370

Sweetspot

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



60.6102, 83.4255, 53.9838



82.6185, 94.0146, 89.1932



83.4360, 95.2377, 53.0155



17.3388, 19.9570, 18.5426



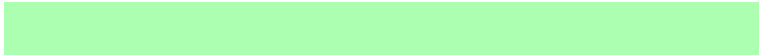
0.0000, 0.0000, 0.0000



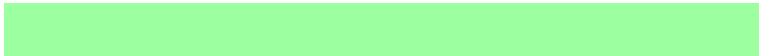
20.3446, 21.4041, 23.3091

Same Dimension

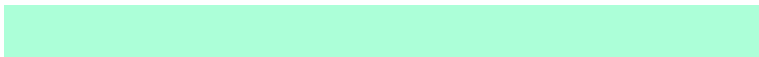
The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.6102, 83.4255, 53.9838



55.7587, 81.0932, 46.1296



65.2028, 85.2625, 78.1678



17.8071, 20.1824, 19.2869



18.7359, 37.3909, 6.4945



1.8362, 3.6454, 0.6951

Inverse Universe

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



73.4051, 57.7305, 98.5400



70.3407, 51.8012, 96.9029



67.7173, 55.4553, 68.5882



18.7526, 18.2844, 22.5804



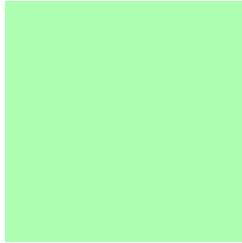
29.9954, 14.4875, 45.4877



2.9317, 1.4151, 4.4880

Previews

White Background



This preview shows how the XYZ color 60.6097, 83.4252, 53.9825 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 60.6097, 83.4252, 53.9825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

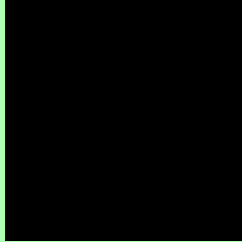
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.6097, 83.4252, 53.9825

Background



This preview shows how black text looks on a background with the XYZ color 60.6097, 83.4252, 53.9825.



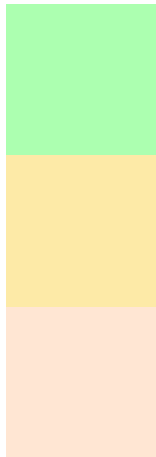
This preview shows how white text looks on a background with the XYZ color 60.6097, 83.4252,

53.9825.

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

60.6097, 83.4252, 53.9825

Protanopia

76.9059, 82.5183, 48.4335

Deuteranopia

81.2947, 82.5568, 73.2784



Tritanopia

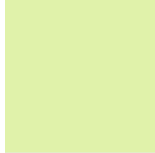
74.4071, 82.9680, 106.7005

Trichromacy



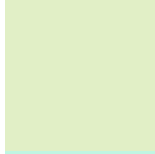
Original Color

60.6097, 83.4252, 53.9825



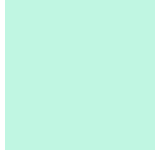
Protanomaly

69.7483, 82.2538, 50.2307



Deuteranomaly

72.1109, 81.8178, 65.4178



Tritanomaly

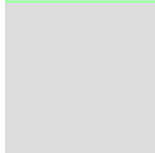
68.4215, 82.6090, 84.2904

Monochromacy



Original Color

60.6097, 83.4252, 53.9825



Achromatopsia

68.7264, 72.3055, 78.7407



Achromatomaly

64.7870, 75.3821, 68.8932

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.6097, 83.4252, 53.9825 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(172, 255, 176)` looks like.

```
.text, #text, p{  
    color:rgb(172, 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(172, 255, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 255, 176) }
```

Border

The CSS property to change the border of an element to XYZ 60.6097, 83.4252, 53.9825 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(172, 255, 176) }
```


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

```
.border{ border-color:rgb(172, 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(172, 255, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 255, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 255, 176);  
box-shadow:4px 4px 4px 4px rgb(172, 255,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 60.6097, 83.4252, 53.9825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 255, 176) }
```

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

```
.background{ background-color: rgb(172,  
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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