

Converting Colors

XYZ(65.2352, 90.8226, 61.5414)

Have a look what the booklet for
XYZ(65.2352, 90.8226, 61.5414)
contains.

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Color

**XYZ(61.8504, 83.9215,
60.5156)**

Conversions

Conversions Part 1

Format	Color
Hex	ACFFBC
RGB	172, 255, 188
RGB Percent	67%, 100%, 74%
CMY	0.3255, 0.0000, 0.2627
CMYK	0.33, 0.00, 0.26, 0.00
HSL	132°, 100%, 84%
HSV	132°, 33%, 100%
XYZ	61.8504, 83.9215, 60.5156
YIQ	222.5450, -27.9610, -38.4330

Conversions

Conversions Part 2

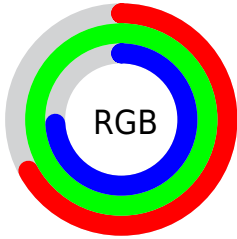
Format	Color
RYB	172, 242, 255
Decimal	11337660
CIELab	93.42, -38.34, 24.21
CIElCh	93, 45.345, 147.727
Yxy	83.9215, 0.2998, 0.4068
Android (android.graphics.Color)	4289527740 (0xFFACFFBC)
YUV	222.5450, -17.0307, -44.3280
Hunter-Lab	91.6087, -39.7994, 24.9598

Details

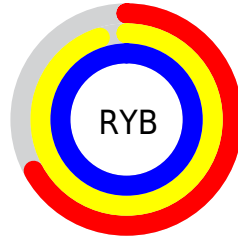
The XYZ color **61.8504, 83.9215, 60.5156** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **71.5728, 56.9977, 88.8902**, and the grayscale version is **69.9473, 73.5901, 80.1396**.

A 20% lighter version of the original color is **84.4022, 94.7097, 99.4203**, and **31.8333, 45.8913, 29.7344** is the 20% darker color. If you saturate the color by 10%, you get **54.7173, 80.4826, 49.4131**, and if you desaturate by 10%, it is **70.3750, 88.0412, 73.3380**.

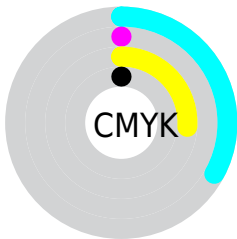
Distribution



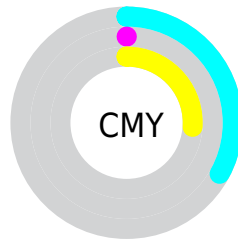
- Red (67%)
- Green (100%)
- Blue (74%)



- Red (67%)
- Yellow (95%)
- Blue (100%)



- Cyan (33%)
- Magenta (0%)
- Yellow (26%)
- Black (0%)





- Cyan (33%)
- Magenta (0%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.8504, 83.9215, 60.5156 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 61.8504, 83.9215, 60.5156 by changing the saturation by 10% instead.


 61.8504, 83.9215,
60.5156

 61.8504, 83.9215,
60.5156


421.1114,
508.0525, 444.3530

 45.1670, 62.9506,
43.4063


 106.6004,
138.8654, 107.1279

 31.7908, 45.8013,
29.8703


135.3978,
173.6071, 137.4681

 21.3565, 32.0890,
19.4890


168.9638,
213.7080, 173.0556

 13.4988, 21.4295,
11.8437

207.6638,
259.5524, 214.3091

 7.8523, 13.4383,
6.5161

251.8633,
311.5246, 261.6470

 4.0516, 7.7311,
3.0876

301.9274,

 1.7314, 3.9233,

370.0091, 315.4879

1.1395

358.2217,
435.3903, 376.2504

■ 0.4758, 1.6308,
0.0000

■ 0.0000, 0.3782,
0.0000

■ 61.8504, 83.9215,
60.5156

■ 61.8504, 83.9215,
60.5156

■ 54.7173, 80.4826,
49.4131

■ 70.3750, 88.0412,
73.3380

■ 48.8989, 77.6865,
39.9534

■ 80.3586, 92.8749,
87.9449

■ 44.3137, 75.4927,
32.0594

■ 91.8664, 98.4550,
104.4026

■ 40.8701, 73.8558,
25.6464

95.0500, 100.0000,
108.9000

■ 38.4634, 72.7238,
20.6213

■ 36.9682, 72.0343,
16.8807

■ 36.3178, 71.7431,
14.8571

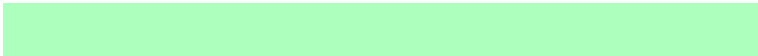
Harmonies

Analogous

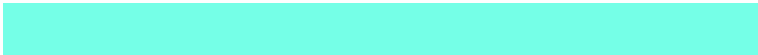
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



69.5322, 83.9215, 44.5804



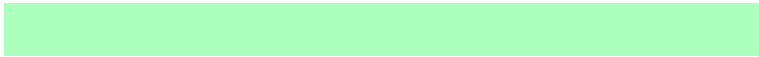
61.8504, 83.9215, 60.5156



58.9135, 83.9215, 88.7877

Triad

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



61.8504, 83.9215, 60.5156



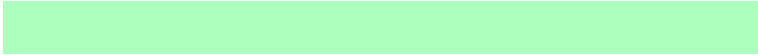
78.8558, 83.9215, 174.2949



101.9128, 83.9215, 64.0204

Complementary

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



61.8504, 83.9215, 60.5156



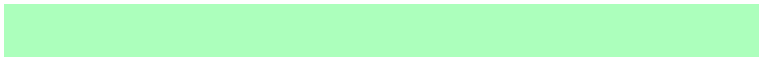
71.5728, 56.9977, 88.8902

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.



105.0334, 83.9215, 94.0146



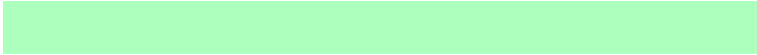
61.8504, 83.9215, 60.5156



90.9552, 83.9215, 162.9914

Square

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



61.8504, 83.9215, 60.5156



68.0999, 83.9215, 159.1778



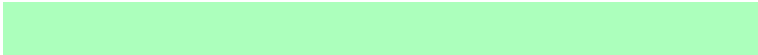
100.8421, 83.9215, 131.2680



92.6912, 83.9215, 46.2197

Rectangle

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



61.8504, 83.9215, 60.5156



59.7957, 83.9215, 112.9430



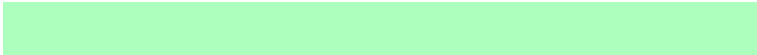
100.8421, 83.9215, 131.2680



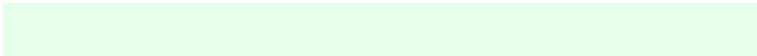
103.7481, 83.9215, 72.7461

Sweetspot

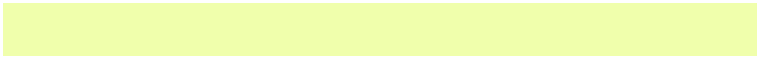
The Sweet Spot groups the original color and five complimentary colors.



61.8510, 83.9218, 60.5169



83.1440, 94.2248, 91.9606



79.0683, 92.9860, 52.8114



17.4648, 20.0074, 19.2061



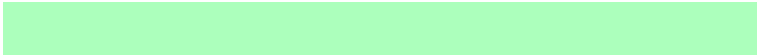
0.0000, 0.0000, 0.0000



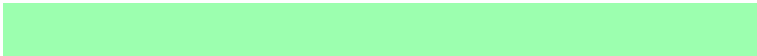
20.3446, 21.4041, 23.3091

Same Dimension

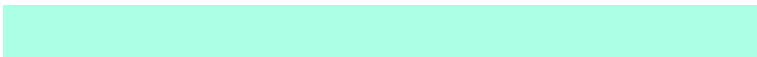
The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.8510, 83.9218, 60.5169



57.0940, 81.6273, 53.1610



66.8770, 85.9322, 86.9837



17.9146, 20.2254, 19.8535



19.0173, 37.5035, 7.9761



1.8875, 3.6659, 0.9653

Inverse Universe

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



71.5728, 56.9977, 88.8902



68.1684, 50.9323, 85.4638



66.2188, 54.8561, 60.6965



18.6337, 18.2368, 21.9541



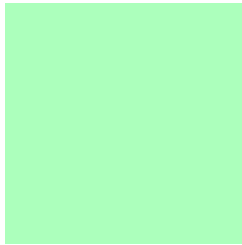
27.4133, 13.4546, 31.8903



2.7059, 1.3247, 3.2985

Previews

White Background



This preview shows how the XYZ color 61.8504, 83.9215, 60.5156 looks on a white background.

Color Contrast Check

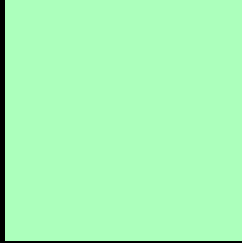
Large Text (above 18pt) WCAG AA × Fail

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 61.8504, 83.9215, 60.5156 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

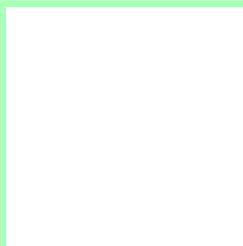
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.8504, 83.9215, 60.5156

Background



This preview shows how black text looks on a background with the XYZ color 61.8504, 83.9215, 60.5156.

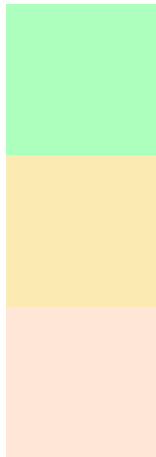


This preview shows how white text looks on a background with the XYZ color 61.8504, 83.9215,

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

61.8504, 83.9215, 60.5156

Protanopia

77.6287, 83.1806, 54.6118

Deuteranopia

81.8026, 82.7599, 75.9528



Tritanopia

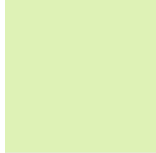
74.9790, 83.7034, 106.8123

Trichromacy



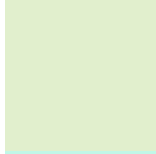
Original Color

61.8504, 83.9215, 60.5156



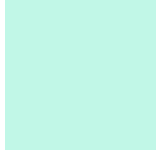
Protanomaly

70.3198, 82.4113, 56.4567



Deuteranomaly

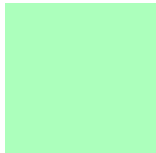
72.9373, 82.1483, 69.7696



Tritanomaly

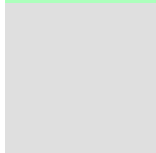
69.6769, 83.6285, 88.0709

Monochromacy



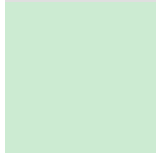
Original Color

61.8504, 83.9215, 60.5156



Achromatopsia

70.1384, 73.7910, 80.3584



Achromatomaly

66.2430, 76.9072, 72.3260

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.8504, 83.9215, 60.5156 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, 188)` looks like.

```
.text, #text, p{  
    color:rgb(172, 255, 188)  
}
```

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, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 255, 188) }
```

Border

The CSS property to change the border of an element to XYZ 61.8504, 83.9215, 60.5156 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, 188) }
```


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

```
.border{ border-color:rgb(172, 255, 188) }
```

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, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 255, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 255, 188);  
box-shadow:4px 4px 4px 4px rgb(172, 255,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 61.8504, 83.9215, 60.5156 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, 188) }
```

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

```
.background{ background-color: rgb(172,  
255, 188) }
```

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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