

Converting Colors

XYZ(71.4006, 104.5795,
68.1960)

Have a look what the booklet for
XYZ(71.4006, 104.5795, 68.1960)
contains.

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Color

**XYZ(60.7146, 83.2467,
64.4980)**

Conversions

Conversions Part 1

Format	Color
Hex	A3FFC3
RGB	163, 255, 195
RGB Percent	64%, 100%, 76%
CMY	0.3608, 0.0000, 0.2353
CMYK	0.36, 0.00, 0.24, 0.00
HSL	141°, 100%, 82%
HSV	141°, 36%, 100%
XYZ	60.7146, 83.2467, 64.4980
YIQ	220.6520, -35.5720, -38.1640

Conversions

Conversions Part 2

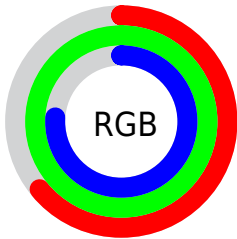
Format	Color
RYB	163, 231, 255
Decimal	10747843
CIELab	93.12, -39.74, 20.17
CIELCh	93, 44.568, 153.085
Yxy	83.2467, 0.2913, 0.3993
Android (android.graphics.Color)	4288937923 (0xFFA3FFC3)
YUV	220.6520, -12.6464, -50.5608
Hunter-Lab	91.2396, -40.8881, 21.9552

Details

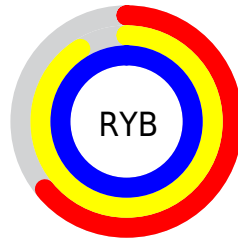
The XYZ color **60.7146, 83.2467, 64.4980** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **67.6568, 52.7828, 76.4340**, and the grayscale version is **68.5867, 72.1585, 78.5806**.

A 20% lighter version of the original color is **82.8459, 93.7639, 105.8273**, and **31.0652, 45.4371, 32.3322** is the 20% darker color. If you saturate the color by 10%, you get **54.2323, 80.1102, 54.9201**, and if you desaturate by 10%, it is **68.4602, 87.0102, 75.2309**.

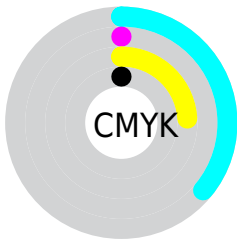
Distribution



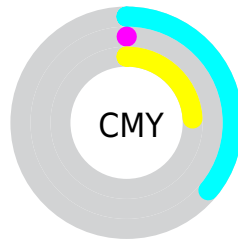
- Red (64%)
- Green (100%)
- Blue (76%)



- Red (64%)
- Yellow (91%)
- Blue (100%)



- Cyan (36%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)




- Cyan (36%)
- Magenta (0%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.7146, 83.2467, 64.4980 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 60.7146, 83.2467, 64.4980 by changing the saturation by 10% instead.


 60.7146, 83.2467,
64.4980


 60.7146, 83.2467,
64.4980


417.0194,
505.8083, 459.2425

 44.2465, 62.3937,
46.6054


 104.9660,
137.9209, 112.9342

 31.0631, 45.3509,
32.3717


 133.4801,
172.5109, 144.3148

 20.7990, 31.7339,
21.3784


166.7403,
212.4487, 181.0286

 13.0888, 21.1583,
13.2069

205.1119,
258.1187, 223.4939

 7.5671, 13.2398,
7.4388

248.9602,
309.9053, 272.1295

 3.8687, 7.5939,
3.6554

298.6507,

 1.6281, 3.8362,

368.1928, 327.3537

1.4383

354.5486,
433.3657, 389.5852

■ 0.4106, 1.5824,
0.1713

■ 0.0000, 0.3457,
0.0000

■ 60.7146, 83.2467,
64.4980

■ 60.7146, 83.2467,
64.4980

■ 54.2323, 80.1102,
54.9201

■ 68.4602, 87.0102,
75.2309

■ 48.9410, 77.5643,
46.4542

■ 77.5322, 91.4325,
87.1519

■ 44.7636, 75.5701,
39.0605

■ 87.9914, 96.5442,
100.2976

■ 41.6127, 74.0834,
32.6950

95.0500, 100.0000,
108.9000

■ 39.3867, 73.0527,
27.3106

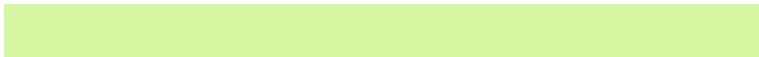
■ 37.9608, 72.4148,
22.8560

■ 37.5505, 72.2362,
21.3488

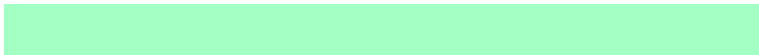
Harmonies

Analogous

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



67.4695, 83.2467, 46.6739



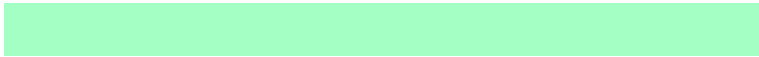
60.7146, 83.2467, 64.4980



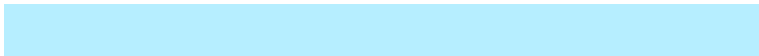
58.7221, 83.2467, 94.1530

Triad

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



60.7146, 83.2467, 64.4980



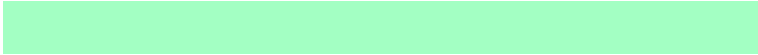
80.3403, 83.2467, 171.3781



99.5043, 83.2467, 59.8291

Complementary

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



60.7146, 83.2467, 64.4980



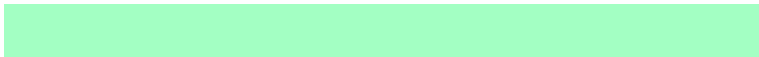
67.6568, 52.7828, 76.4340

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.



103.7749, 83.2467, 87.2184



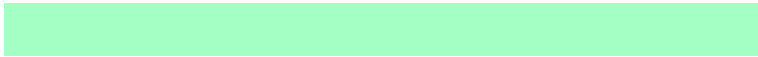
60.7146, 83.2467, 64.4980



92.0476, 83.2467, 156.0331

Square

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



60.7146, 83.2467, 64.4980



69.3727, 83.2467, 161.0663



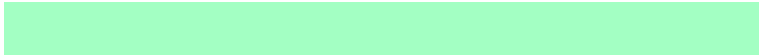
100.9214, 83.2467, 123.0383



89.7477, 83.2467, 44.4818

Rectangle

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



60.7146, 83.2467, 64.4980



60.1838, 83.2467, 118.3176



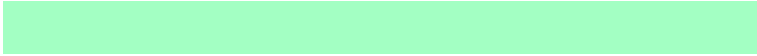
100.9214, 83.2467, 123.0383



101.6703, 83.2467, 67.6575

Sweetspot

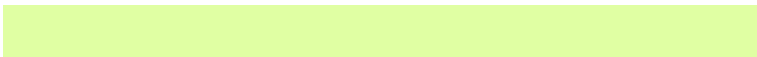
The Sweet Spot groups the original color and five complimentary colors.



60.7152, 83.2470, 64.4993



82.6660, 93.9401, 93.6717



73.2151, 90.0651, 48.1767



17.3929, 19.9599, 19.6703



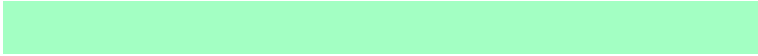
0.0000, 0.0000, 0.0000



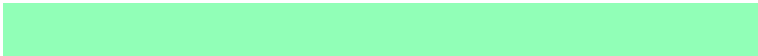
20.3446, 21.4041, 23.3091

Same Dimension

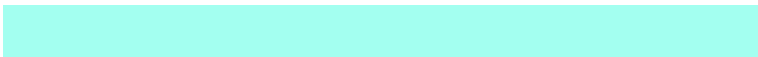
The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.7152, 83.2470, 64.4993



56.0972, 81.0109, 57.7478



66.5434, 85.5782, 95.1900



18.0324, 20.2725, 20.4736



19.6843, 37.7703, 11.4885



1.9658, 3.6973, 1.3779

Inverse Universe

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



67.6568, 52.7828, 76.4340



63.9251, 46.6204, 71.1794



62.4071, 50.6829, 48.7896



18.5085, 18.1867, 21.2951



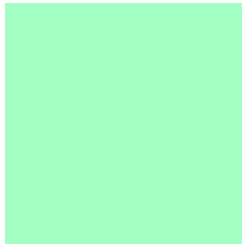
25.2330, 12.5825, 20.4092



2.5085, 1.2458, 2.2591

Previews

White Background



This preview shows how the XYZ color 60.7146, 83.2467, 64.4980 looks on a white background.

Color Contrast Check

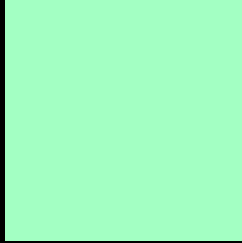
Large Text (above 18pt) WCAG AA × Fail

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 60.7146, 83.2467, 64.4980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

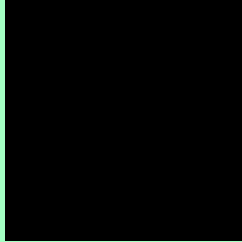
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

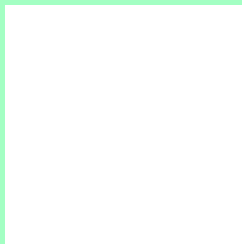
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.7146, 83.2467, 64.4980

Background



This preview shows how black text looks on a background with the XYZ color 60.7146, 83.2467, 64.4980.



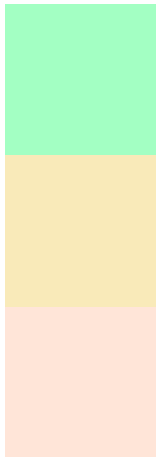
This preview shows how white text looks on a background with the XYZ color 60.7146, 83.2467,

64.4980.

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

60.7146, 83.2467, 64.4980

Protanopia

77.2467, 82.4882, 57.7494

Deuteranopia

81.6540, 82.2565, 76.5392



Tritanopia

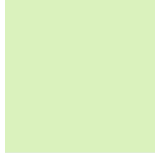
73.6215, 83.0036, 106.7488

Trichromacy



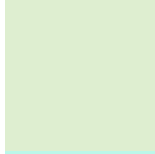
Original Color

60.7146, 83.2467, 64.4980



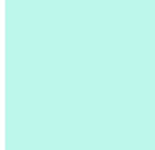
Protanomaly

69.8509, 82.0838, 60.3063



Deuteranomaly

72.0839, 81.2327, 71.5548



Tritanomaly

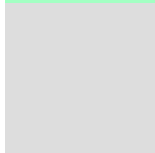
68.4623, 82.9695, 89.4972

Monochromacy



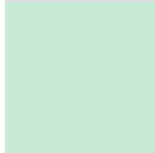
Original Color

60.7146, 83.2467, 64.4980



Achromatopsia

68.7264, 72.3055, 78.7407



Achromatomaly

64.8420, 75.3107, 73.4062

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.7146, 83.2467, 64.4980 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(163, 255, 195)` looks like.

```
.text, #text, p{  
    color:rgb(163, 255, 195)  
}
```

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(163, 255, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 255, 195) }
```

Border

The CSS property to change the border of an element to XYZ 60.7146, 83.2467, 64.4980 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(163, 255, 195) }
```


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

```
.border{ border-color:rgb(163, 255, 195) }
```

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

Here you see how a box with a 4 pixel rgb(163, 255, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 255, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 255, 195);  
box-shadow:4px 4px 4px 4px rgb(163, 255,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 60.7146, 83.2467, 64.4980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 255, 195) }
```

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

```
.background{ background-color: rgb(163,  
255, 195) }
```

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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