

Converting Colors

XYZ(67.4387, 83.5158,
105.5374)

Have a look what the booklet for
XYZ(67.4387, 83.5158, 105.5374)
contains.

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Color

**XYZ(67.4323, 83.4624,
105.4843)**

Conversions

Conversions Part 1

Format	Color
Hex	A5FAFD
RGB	165, 250, 253
RGB Percent	65%, 98%, 99%
CMY	0.3529, 0.0196, 0.0078
CMYK	0.35, 0.01, 0.00, 0.01
HSL	182°, 96%, 82%
HSV	182°, 35%, 99%
XYZ	67.4323, 83.4624, 105.4843
YIQ	224.9270, -51.6230, -17.0870

Conversions

Conversions Part 2

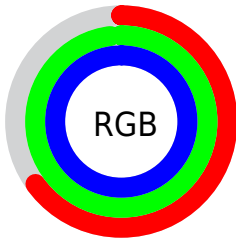
Format	Color
R _{YB}	165, 208, 253
Decimal	10877693
CIE _{Lab}	93.22, -24.82, -9.59
CIE _{LCh}	93, 26.607, 201.133
Yxy	83.4624, 0.2630, 0.3255
Android (android.graphics.Color)	4289067773 (0xFFA5FAFD)
YUV	224.9270, 13.8400, -52.5560
Hunter-Lab	91.3578, -28.1230, -4.5075

Details

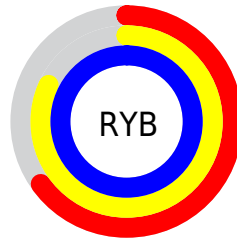
The XYZ color **67.4323, 83.4624, 105.4843** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **61.3034, 51.6055, 42.3290**, and the grayscale version is **71.4479, 75.1688, 81.8588**.

A 20% lighter version of the original color is **84.2414, 94.4280, 108.3942**, and **35.3404, 45.3767, 59.1205** is the 20% darker color. If you saturate the color by 10%, you get **62.4151, 80.4813, 105.1748**, and if you desaturate by 10%, it is **73.4966, 86.9891, 105.8468**.

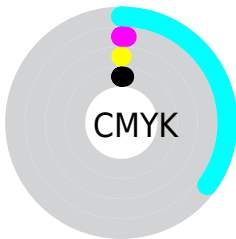
Distribution



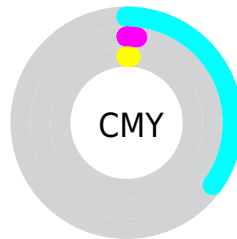
- Red (65%)
- Green (98%)
- Blue (99%)



- Red (65%)
- Yellow (82%)
- Blue (99%)



- Cyan (35%)
- Magenta (1%)
- Yellow (0%)
- Black (1%)



- Cyan (35%)
- Magenta (2%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.4323, 83.4624, 105.4843 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 67.4323, 83.4624, 105.4843 by changing the saturation by 10% instead.

67.4323, 83.4624,
105.4843

67.4323, 83.4624,
105.4843

440.8903,
506.5263, 599.0326

49.7080, 62.5717,
80.2462

114.5860,
138.2229, 170.7910

35.3983, 45.4948,
59.3936

144.7462,
172.8615, 211.6968

24.1378, 31.8473,
42.5080

179.7823,
212.8515, 258.6622

15.5612, 21.2449,
29.1707

220.0598,
258.5772, 312.1057

9.3030, 13.3031,
18.9633

265.9440,
310.4232, 372.4460

4.9980, 7.6376,
11.4672

317.8002,

2.2809, 3.8640,

368.7738, 440.1015

6.2639

375.9939,
434.0134, 515.4909

■ 0.7848, 1.5978,
2.9348

■ 0.0000, 0.3561,
1.0615

■ 67.4323, 83.4624,
105.4843

■ 67.4323, 83.4624,
105.4843

■ 62.4151, 80.4813,
105.1748

■ 73.4966, 86.9891,
105.8468

■ 58.3758, 78.0042,
104.9095

■ 80.6571, 91.0807,
106.2592

■ 55.2488, 75.9992,
104.6873

■ 88.9688, 95.7677,
106.7258

■ 52.9571, 74.4266,
104.5046

■ 94.2378, 98.8879,
107.0503

■ 51.4112, 73.2403,
104.3571

94.5112, 99.4345,
107.1414

■ 50.5011, 72.3835,
104.2397

94.7299, 99.8720,
107.2143

■ 50.1964, 72.0249,
104.1865

Harmonies

Analogous

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



66.7670, 83.4624, 85.0671



67.4323, 83.4624, 105.4843



71.1839, 83.4624, 124.2901

Triad

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



67.4323, 83.4624, 105.4843



90.2688, 83.4624, 117.2557



81.4199, 83.4624, 57.8816

Complementary

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



67.4323, 83.4624, 105.4843



61.3034, 51.6055, 42.3290

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.



88.0718, 83.4624, 64.0619



67.4323, 83.4624, 105.4843



93.3743, 83.4624, 96.9443

Square

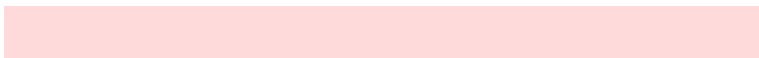
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.4323, 83.4624, 105.4843



84.2774, 83.4624, 131.7506



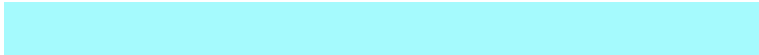
92.5475, 83.4624, 77.6835



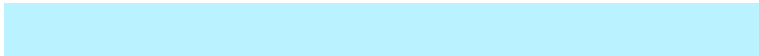
74.5772, 83.4624, 59.4730

Rectangle

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



67.4323, 83.4624, 105.4843



75.0580, 83.4624, 132.4192



92.5475, 83.4624, 77.6835



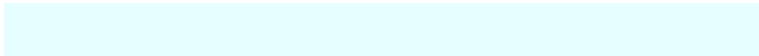
83.7580, 83.4624, 59.0811

Sweetspot

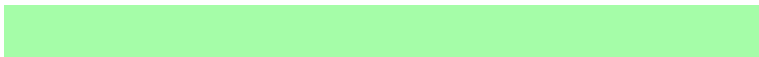
The Sweet Spot groups the original color and five complimentary colors.



67.4348, 83.4657, 105.4862



86.0064, 94.9275, 108.3976



57.7057, 81.0762, 49.6230



18.1577, 20.1765, 23.1874



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.



67.4348, 83.4657, 105.4862



64.8519, 82.7212, 107.1565



55.3358, 59.2679, 101.4533



18.4987, 20.3690, 23.2066



26.7253, 38.3601, 55.4303



2.6181, 3.7669, 5.4024

Inverse Universe

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



71.2205, 54.6971, 97.2500



69.2824, 49.3957, 97.4408



70.8280, 70.6548, 45.5039



18.7644, 18.2891, 22.6423



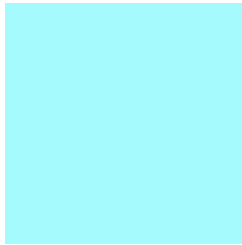
30.2779, 14.6004, 46.9753



2.9561, 1.4248, 4.6163

Previews

White Background



This preview shows how the XYZ color 67.4323, 83.4624, 105.4843 looks on a white background.

Color Contrast Check

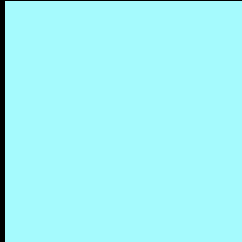
Large Text (above 18pt) WCAG AA × Fail

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 67.4323, 83.4624, 105.4843 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

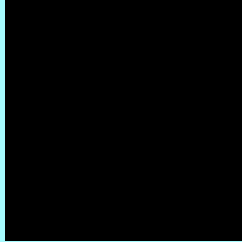
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.4323, 83.4624, 105.4843

Background



This preview shows how black text looks on a background with the XYZ color 67.4323, 83.4624, 105.4843.

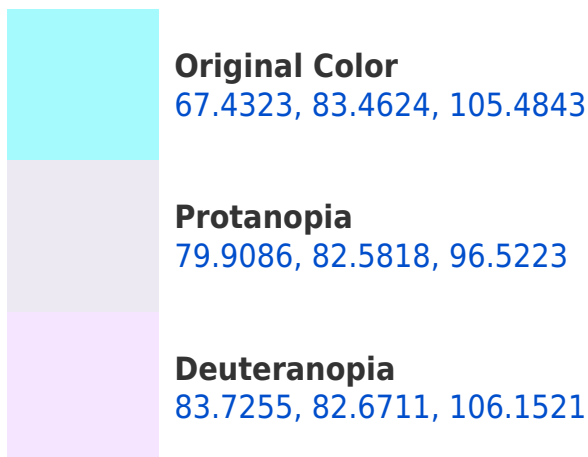


This preview shows how white text looks on a background with the XYZ color 67.4323, 83.4624,

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





Tritanopia

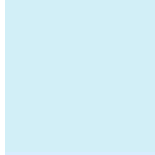
73.3893, 83.3270, 106.8234

Trichromacy



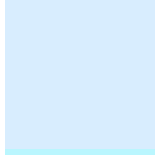
Original Color

67.4323, 83.4624, 105.4843



Protanomaly

74.2333, 82.1500, 99.9397



Deuteranomaly

76.4925, 82.3231, 105.6243



Tritanomaly

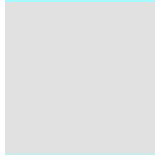
71.0949, 83.5064, 106.1372

Monochromacy



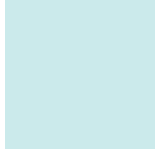
Original Color

67.4323, 83.4624, 105.4843



Achromatopsia

71.5672, 75.2942, 81.9954



Achromatomaly

69.0468, 77.5403, 89.9249

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.4323, 83.4624, 105.4843 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(165, 250, 253)` looks like.

```
.text, #text, p{  
    color:rgb(165, 250, 253)  
}
```

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(165, 250, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 250, 253) }
```

Border

The CSS property to change the border of an element to XYZ 67.4323, 83.4624, 105.4843 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(165, 250, 253) }
```


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

```
.border{ border-color:rgb(165, 250, 253) }
```

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

Here you see how a box with a 4 pixel rgb(165, 250, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 250, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 250, 253);  
box-shadow:4px 4px 4px 4px rgb(165, 250,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 67.4323, 83.4624, 105.4843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 250, 253) }
```

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

```
.background{ background-color: rgb(165,  
250, 253) }
```

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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