

Converting Colors

XYZ(67.0072, 84.9108,
107.4655)

Have a look what the booklet for
XYZ(67.0072, 84.9108, 107.4655)
contains.

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Color

**XYZ(67.2021, 85.1715,
107.5056)**

Conversions

Conversions Part 1

Format	Color
Hex	9CFE FF
RGB	156, 254, 255
RGB Percent	61%, 100%, 100%
CMY	0.3882, 0.0039, 0.0000
CMYK	0.39, 0.00, 0.00, 0.00
HSL	181°, 100%, 81%
HSV	181°, 39%, 100%
XYZ	67.2021, 85.1715, 107.5056
YIQ	224.8120, -58.7290, -20.4650

Conversions

Conversions Part 2

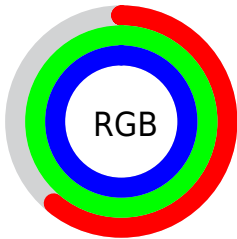
Format	Color
R_{YB}	156, 205, 255
Decimal	10288895
CIE _{Lab}	93.96, -28.52, -9.57
CIE _{LCh}	94, 30.081, 198.555
Yxy	85.1715, 0.2586, 0.3277
Android (android.graphics.Color)	4288478975 (0xFF9CFE9F)
YUV	224.8120, 14.8827, -60.3481
Hunter-Lab	92.2884, -31.5255, -4.4643

Details

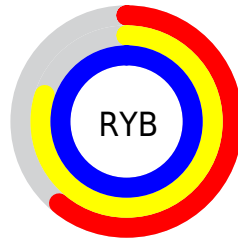
The XYZ color **67.2021, 85.1715, 107.5056** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **59.2981, 47.7744, 37.5505**, and the grayscale version is **71.3617, 75.0781, 81.7600**.

A 20% lighter version of the original color is **81.5416, 93.0361, 108.2678**, and **35.1963, 46.6064, 60.5670** is the 20% darker color. If you saturate the color by 10%, you get **62.6953, 82.7295, 107.2717**, and if you desaturate by 10%, it is **72.7492, 88.1541, 107.7889**.

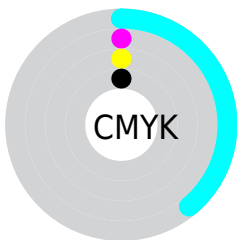
Distribution



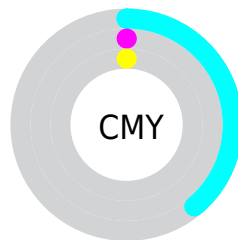
- Red (61%)
- Green (100%)
- Blue (100%)



- Red (61%)
- Yellow (80%)
- Blue (100%)



- Cyan (39%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)



- Cyan (39%)
- Magenta (0%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.2021, 85.1715, 107.5056 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 67.2021, 85.1715, 107.5056 by changing the saturation by 10% instead.

67.2021, 85.1715,
107.5056

67.2021, 85.1715,
107.5056

440.0850,
512.1954, 605.4486

49.5202, 63.9831,
81.9317

114.2582,
140.6128, 173.5755

35.2485, 46.6370,
60.7737

144.3630,
175.6344, 214.9086

24.0218, 32.7488,
43.6132

179.3395,
216.0359, 262.3317

15.4746, 21.9341,
30.0316

219.5531,
262.2017, 316.2636

9.2416, 13.8085,
19.6103

265.3691,
314.5162, 377.1227

4.9575, 7.9876,
11.9308

317.1528,

2.2568, 4.0870,

373.3636, 445.3275

6.5746

375.2697,
439.1286, 521.2966

■ 0.7724, 1.7223,
3.1232

■ 0.0000, 0.4381,
1.1579

■ 67.2021, 85.1715,
107.5056

■ 67.2021, 85.1715,
107.5056

■ 62.6953, 82.7295,
107.2717

■ 72.7492, 88.1541,
107.7889

■ 59.1568, 80.7848,
107.0829

■ 79.3895, 91.6984,
108.1230

■ 56.5161, 79.3030,
106.9360

■ 87.1805, 95.8361,
108.5110

■ 54.6900, 78.2414,
106.8274

95.0500, 100.0000,
108.9000

■ 53.5804, 77.5492,
106.7523

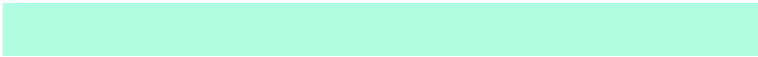
■ 53.0444, 77.1530,
106.7040

■ 52.9973, 77.1145,
106.6991

Harmonies

Analogous

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



66.7661, 85.1715, 84.2509



67.2021, 85.1715, 107.5056



71.1732, 85.1715, 129.9185

Triad

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



67.2021, 85.1715, 107.5056



93.0653, 85.1715, 125.1320



84.0501, 85.1715, 55.8511

Complementary

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



67.2021, 85.1715, 107.5056



59.2981, 47.7744, 37.5505

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.



91.5899, 85.1715, 63.4272



67.2021, 85.1715, 107.5056



97.0194, 85.1715, 101.7752

Square

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



67.2021, 85.1715, 107.5056



85.9575, 85.1715, 141.1968



96.4622, 85.1715, 79.3875



76.1465, 85.1715, 56.8677

Rectangle

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



67.2021, 85.1715, 107.5056



75.4474, 85.1715, 140.1914



96.4622, 85.1715, 79.3875



86.7201, 85.1715, 57.4191

Sweetspot

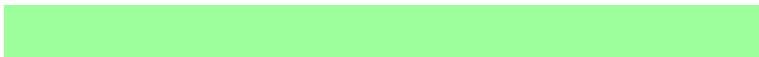
The Sweet Spot groups the original color and five complimentary colors.



67.2043, 85.1747, 107.5061



84.5765, 94.4551, 108.3817



55.4723, 80.9888, 44.1631



17.8812, 20.0996, 23.1871



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

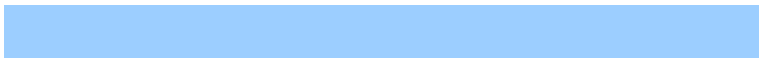
The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.2043, 85.1747, 107.5061



63.4425, 83.1367, 107.3110



53.7128, 58.1916, 103.0089



18.5383, 20.4482, 23.2198



27.6994, 40.3084, 55.7550



2.7019, 3.9344, 5.4303

Inverse Universe

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



71.0193, 52.1944, 100.1010



67.7814, 45.7724, 98.8561



69.1928, 67.5637, 40.8487



18.7844, 18.2971, 22.7476



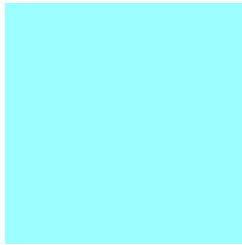
30.7696, 14.7971, 49.5645



2.9984, 1.4417, 4.8388

Previews

White Background



This preview shows how the XYZ color 67.2021, 85.1715, 107.5056 looks on a white background.

Color Contrast Check

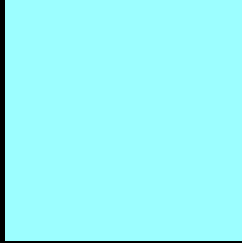
Large Text (above 18pt) WCAG AA × Fail

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 67.2021, 85.1715, 107.5056 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

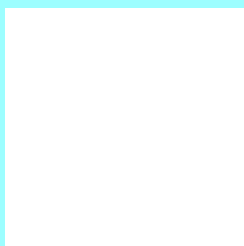
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.2021, 85.1715, 107.5056

Background



This preview shows how black text looks on a background with the XYZ color 67.2021, 85.1715, 107.5056.

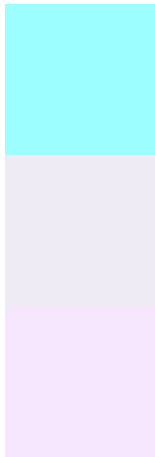


This preview shows how white text looks on a background with the XYZ color 67.2021, 85.1715,

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

67.2021, 85.1715, 107.5056

Protanopia

81.2974, 84.1255, 97.5410

Deuteranopia

84.6319, 83.9647, 106.3540



Tritanopia

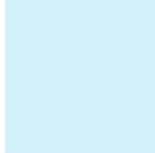
74.7578, 84.4779, 106.9735

Trichromacy



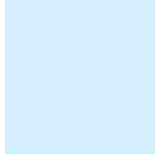
Original Color

67.2021, 85.1715, 107.5056



Protanomaly

74.7078, 83.6915, 101.0235



Deuteranomaly

76.3571, 83.0991, 106.6230



Tritanomaly

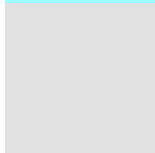
71.6250, 84.6691, 107.1755

Monochromacy



Original Color

67.2021, 85.1715, 107.5056



Achromatopsia

71.5672, 75.2942, 81.9954



Achromatomaly

68.9552, 78.3264, 90.8411

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.2021, 85.1715, 107.5056 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(156, 254, 255)` looks like.

```
.text, #text, p{  
    color:rgb(156, 254, 255)  
}
```

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(156, 254, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 254, 255) }
```

Border

The CSS property to change the border of an element to XYZ 67.2021, 85.1715, 107.5056 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(156, 254, 255) }
```


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

```
.border{ border-color:rgb(156, 254, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 254, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 254, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 254, 255);  
box-shadow:4px 4px 4px 4px rgb(156, 254,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 67.2021, 85.1715, 107.5056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 254, 255) }
```

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

```
.background{ background-color: rgb(156,  
254, 255) }
```

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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