

Converting Colors

XYZ(64.3070, 83.6791,
107.3701)

Have a look what the booklet for
XYZ(64.3070, 83.6791, 107.3701)
contains.

XYZ(64.3070, 83.6791, 107.3701)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(64.3070, 83.6791,
107.3701)**

Conversions

Conversions Part 1

Format	Color
Hex	8CFE FF
RGB	140, 254, 255
RGB Percent	55%, 100%, 100%
CMY	0.4510, 0.0039, 0.0000
CMYK	0.45, 0.00, 0.00, 0.00
HSL	181°, 100%, 77%
HSV	181°, 45%, 100%
XYZ	64.3070, 83.6791, 107.3701
YIQ	220.0280, -68.2650, -23.8570

Conversions

Conversions Part 2

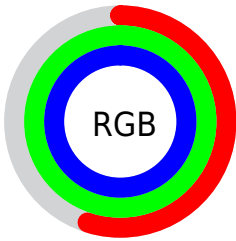
Format	Color
RYB	140, 197, 255
Decimal	9240319
CIELab	93.31, -32.22, -10.60
CIElCh	93, 33.922, 198.213
Yxy	83.6791, 0.2518, 0.3277
Android (android.graphics.Color)	4287430399 (0xFF8CFE9F)
YUV	220.0280, 17.2412, -70.1846
Hunter-Lab	91.4763, -34.5996, -5.5581

Details

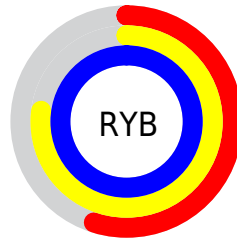
The XYZ color **64.3070, 83.6791, 107.3701** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **55.4989, 42.2035, 30.0338**, and the grayscale version is **67.9667, 71.5062, 77.8703**.

A 20% lighter version of the original color is **77.6294, 91.0194, 108.0847**, and **33.3837, 45.6720, 60.4821** is the 20% darker color. If you saturate the color by 10%, you get **60.4284, 81.5777, 107.1689**, and if you desaturate by 10%, it is **69.1856, 86.3002, 107.6189**.

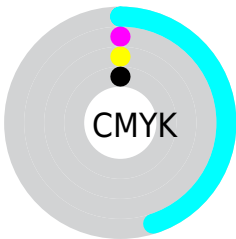
Distribution



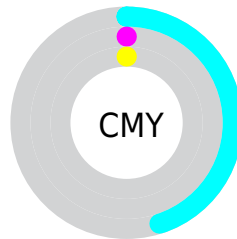
- Red (55%)
- Green (100%)
- Blue (100%)



- Red (55%)
- Yellow (77%)
- Blue (100%)



- Cyan (45%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)





- Cyan (45%)
- Magenta (0%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.3070, 83.6791, 107.3701 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 64.3070, 83.6791, 107.3701 by changing the saturation by 10% instead.


 64.3070, 83.6791,
107.3701


 64.3070, 83.6791,
107.3701


429.8821,
507.2470, 605.0196

 47.1620, 62.7505,
81.8186


 110.1242,
138.5262, 173.3890

 33.3722, 45.6394,
60.6811


 139.5271,
173.2135, 214.6935

 22.5723, 31.9614,
43.5390

173.7467,
213.2559, 262.0861

 14.3970, 21.3320,
29.9737

213.1483,
259.0376, 315.9854

 8.4808, 13.3669,
19.5667

258.0973,
310.9433, 376.8098

 4.4585, 7.6817,
11.8996

308.9590,

 1.9647, 3.8919,

369.3571, 444.9779

6.5536

366.0988,
434.6635, 520.9084

■ 0.6140, 1.6133,
3.1104

■ 0.0000, 0.3665,
1.1513

■ 64.3070, 83.6791,
107.3701

■ 64.3070, 83.6791,
107.3701

■ 60.4284, 81.5777,
107.1689

■ 69.1856, 86.3002,
107.6189

■ 57.4735, 79.9505,
107.0106

■ 75.1206, 89.4640,
107.9167

■ 55.3656, 78.7601,
106.8919

■ 82.1720, 93.2035,
108.2669

■ 54.0131, 77.9593,
106.8086

■ 90.3937, 97.5463,
108.6718

■ 53.3026, 77.4895, 95.0500, 100.0000,
106.7554 108.9000

■ 53.1097, 77.3394,
106.7366

Harmonies

Analogous

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



63.8755, 83.6791, 81.4270



64.3070, 83.6791, 107.3701



68.6276, 83.6791, 132.9389

Triad

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



64.3070, 83.6791, 107.3701



93.0431, 83.6791, 127.9859



83.0956, 83.6791, 50.9389

Complementary

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



64.3070, 83.6791, 107.3701



55.4989, 42.2035, 30.0338

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.



91.5397, 83.6791, 59.1319



64.3070, 83.6791, 107.3701



97.5638, 83.6791, 101.5367

Square

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



64.3070, 83.6791, 107.3701



85.0252, 83.6791, 146.2915



96.9939, 83.6791, 76.5845



74.2853, 83.6791, 51.9136

Rectangle

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



64.3070, 83.6791, 107.3701



73.3273, 83.6791, 144.8569



96.9939, 83.6791, 76.5845



86.0825, 83.6791, 52.6384

Sweetspot

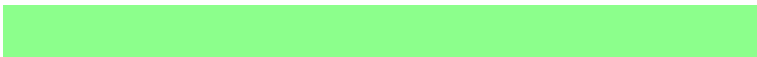
The Sweet Spot groups the original color and five complimentary colors.



64.3092, 83.6822, 107.3706



83.0152, 93.6496, 108.3086



51.3100, 78.9895, 37.3550



17.4163, 19.8584, 23.1651



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.



64.3092, 83.6822, 107.3706



60.8073, 81.7844, 107.1888



48.9465, 52.9569, 102.2497



18.5406, 20.4529, 23.2206



27.7572, 40.4239, 55.7742



2.7068, 3.9443, 5.4319

Inverse Universe

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



68.5089, 47.1736, 99.2642



65.4949, 41.1960, 98.1043



66.0545, 63.3146, 33.5523



18.7855, 18.2975, 22.7537



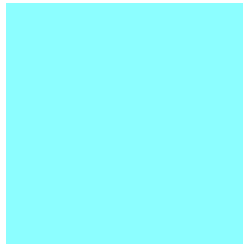
30.7987, 14.8088, 49.7180



3.0009, 1.4427, 4.8520

Previews

White Background



This preview shows how the XYZ color 64.3070, 83.6791, 107.3701 looks on a white background.

Color Contrast Check

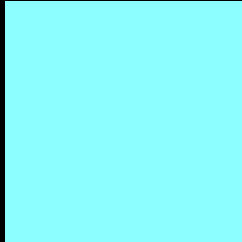
Large Text (above 18pt) WCAG AA × Fail

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 64.3070, 83.6791, 107.3701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

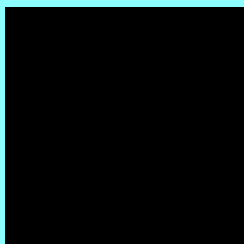
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

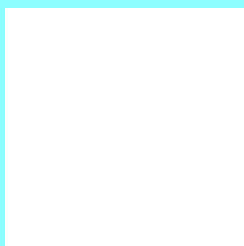
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.3070, 83.6791, 107.3701

Background



This preview shows how black text looks on a background with the XYZ color 64.3070, 83.6791, 107.3701.

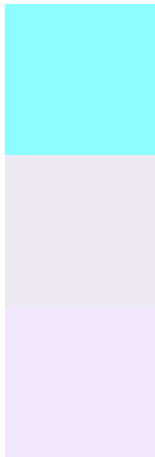


This preview shows how white text looks on a background with the XYZ color 64.3070, 83.6791,

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

64.3070, 83.6791, 107.3701

Protanopia

79.7580, 82.5215, 95.7289

Deuteranopia

83.3090, 82.8683, 106.2121



Tritanopia

72.3930, 83.2588, 106.8628

Trichromacy



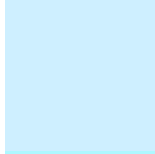
Original Color

64.3070, 83.6791, 107.3701



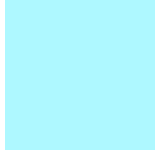
Protanomaly

72.3312, 82.0435, 100.0194



Deuteranomaly

74.3701, 82.0748, 106.5300



Tritanomaly

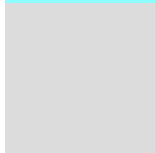
69.0730, 83.3535, 107.0560

Monochromacy



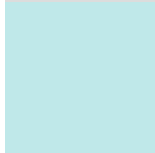
Original Color

64.3070, 83.6791, 107.3701



Achromatopsia

68.0267, 71.5694, 77.9390



Achromatomaly

65.0505, 74.6728, 88.0756

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.3070, 83.6791, 107.3701 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(140, 254, 255)` looks like.

```
.text, #text, p{  
    color:rgb(140, 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(140, 254, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 254, 255) }
```

Border

The CSS property to change the border of an element to XYZ 64.3070, 83.6791, 107.3701 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(140, 254, 255) }
```


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

```
.border{ border-color:rgb(140, 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(140, 254, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 254, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 254, 255);  
box-shadow:4px 4px 4px 4px rgb(140, 254,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 64.3070, 83.6791, 107.3701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 254, 255) }
```

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

```
.background{ background-color: rgb(140,  
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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