

Converting Colors

XYZ(67.3384, 84.0825,
107.2882)

Have a look what the booklet for
XYZ(67.3384, 84.0825, 107.2882)
contains.

XYZ(67.5583, 84.4179, 107.3413)	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(67.5583, 84.4179,
107.3413)**

Conversions

Conversions Part 1

Format	Color
Hex	A1FCFF
RGB	161, 252, 255
RGB Percent	63%, 99%, 100%
CMY	0.3686, 0.0117, 0.0000
CMYK	0.37, 0.01, 0.00, 0.00
HSL	182°, 100%, 82%
HSV	182°, 37%, 100%
XYZ	67.5583, 84.4179, 107.3413
YIQ	225.1330, -55.1990, -18.3590

Conversions

Conversions Part 2

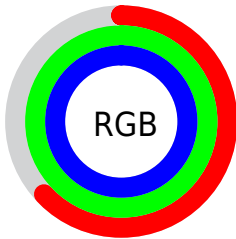
Format	Color
RYB	161, 207, 255
Decimal	10616063
CIELab	93.63, -26.33, -10.03
CIELCh	94, 28.176, 200.857
Yxy	84.4179, 0.2605, 0.3255
Android (android.graphics.Color)	4288806143 (0xFFA1FCFF)
YUV	225.1330, 14.7244, -56.2446
Hunter-Lab	91.8792, -29.5385, -4.9523

Details

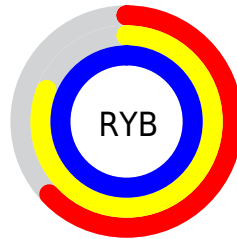
The XYZ color **67.5583, 84.4179, 107.3413** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **60.9487, 50.3840, 40.2327**, and the grayscale version is **71.5915, 75.3198, 82.0233**.

A 20% lighter version of the original color is **83.0234, 93.8001, 108.3372**, and **35.4171, 46.0505, 60.4480** is the 20% darker color. If you saturate the color by 10%, you get **62.6801, 81.5271, 107.0405**, and if you desaturate by 10%, it is **73.4899, 87.8575, 107.6926**.

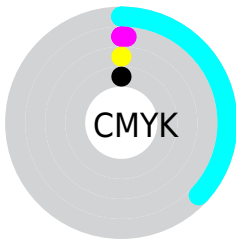
Distribution



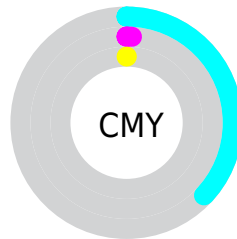
- Red (63%)
- Green (99%)
- Blue (100%)



- Red (63%)
- Yellow (81%)
- Blue (100%)



- Cyan (37%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)





- Cyan (37%)
- Magenta (1%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.5583, 84.4179, 107.3413 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 67.5583, 84.4179, 107.3413 by changing the saturation by 10% instead.


 67.5583, 84.4179,
107.3413


 67.5583, 84.4179,
107.3413

441.3308,
509.6999, 604.9284

 49.8108, 63.3605,
81.7946


 114.7654,
139.5596, 173.3494

 35.4803, 46.1329,
60.6614


 144.9558,
174.4127, 214.6478

 24.2013, 32.3507,
43.5232


180.0245,
214.6332, 262.0339

 15.6086, 21.6295,
29.9614

220.3369,
260.6055, 315.9262

 9.3367, 13.5849,
19.5575

266.2584,
312.7139, 376.7433

 5.0203, 7.8326,
11.8929

318.1543,

 2.2941, 3.9880,

371.3428, 444.9036

6.5492

376.3900,
436.8767, 520.8258

■ 0.7916, 1.6668,
3.1076

■ 0.0000, 0.4021,
1.1499

■ 67.5583, 84.4179,
107.3413

■ 67.5583, 84.4179,
107.3413

■ 62.6801, 81.5271,
107.0405

■ 73.4899, 87.8575,
107.6926

■ 58.7845, 79.1424,
106.7855

■ 80.5269, 91.8665,
108.0955

■ 55.8025, 77.2304,
106.5736

■ 88.7259, 96.4761,
108.5531

■ 53.6536, 75.7493,
106.4010

95.0500, 100.0000,
108.9000

■ 52.2428, 74.6505,
106.2632

■ 51.4503, 73.8720,
106.1547

■ 51.2722, 73.6643,
106.1241

Harmonies

Analogous

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



66.8846, 84.4179, 85.5386



67.5583, 84.4179, 107.3413



71.5134, 84.4179, 127.6229

Triad

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



67.5583, 84.4179, 107.3413



91.8905, 84.4179, 120.3821



82.5390, 84.4179, 57.0146

Complementary

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



67.5583, 84.4179, 107.3413



60.9487, 50.3840, 40.2327

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.



89.6420, 84.4179, 63.5814



67.5583, 84.4179, 107.3413



95.2570, 84.4179, 98.6043

Square

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



67.5583, 84.4179, 107.3413



85.4558, 84.4179, 135.9258



94.4096, 84.4179, 78.0455



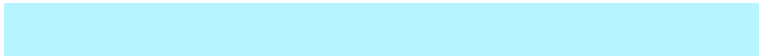
75.2346, 84.4179, 58.6083

Rectangle

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



67.5583, 84.4179, 107.3413



75.6215, 84.4179, 136.4722



94.4096, 84.4179, 78.0455



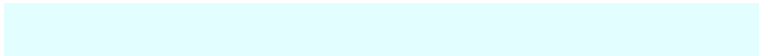
85.0359, 84.4179, 58.2975

Sweetspot

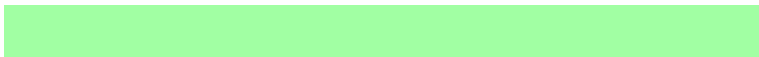
The Sweet Spot groups the original color and five complimentary colors.



67.5605, 84.4211, 107.3418



85.1883, 94.4938, 108.3570



57.0311, 81.7264, 47.2178



17.9953, 20.0915, 23.1795



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.



67.5605, 84.4211, 107.3418



63.9730, 82.3016, 107.1218



54.9249, 59.1500, 103.1300



18.5023, 20.3762, 23.2078



26.8130, 38.5355, 55.4595



2.6257, 3.7820, 5.4049

Inverse Universe

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



71.5569, 53.7796, 98.7083



68.5121, 47.8368, 97.2404



70.6136, 69.7137, 43.4543



18.7662, 18.2898, 22.6519



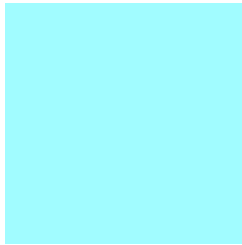
30.3222, 14.6182, 47.2084



2.9599, 1.4263, 4.6363

Previews

White Background



This preview shows how the XYZ color 67.5583, 84.4179, 107.3413 looks on a white background.

Color Contrast Check

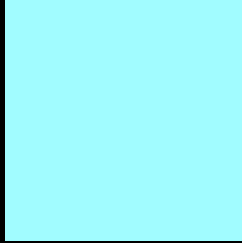
Large Text (above 18pt) WCAG AA × Fail

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 67.5583, 84.4179, 107.3413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

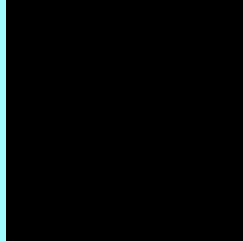
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.5583, 84.4179, 107.3413

Background



This preview shows how black text looks on a background with the XYZ color 67.5583, 84.4179, 107.3413.

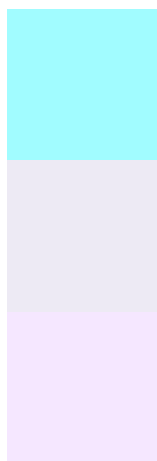


This preview shows how white text looks on a background with the XYZ color 67.5583, 84.4179,

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

67.5583, 84.4179, 107.3413

Protanopia

80.6770, 83.3818, 97.4301

Deuteranopia

84.2821, 83.7843, 106.3376



Tritanopia

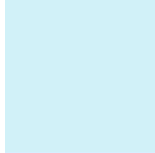
74.1880, 83.7387, 106.8608

Trichromacy



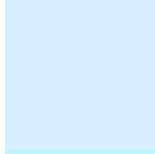
Original Color

67.5583, 84.4179, 107.3413



Protanomaly

74.6931, 83.2432, 100.9377



Deuteranomaly

76.6481, 83.2491, 106.6366



Tritanomaly

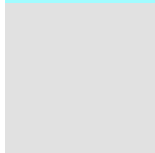
71.2555, 83.5706, 106.9829

Monochromacy



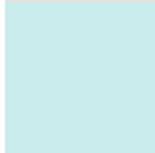
Original Color

67.5583, 84.4179, 107.3413



Achromatopsia

71.5672, 75.2942, 81.9954



Achromatomaly

69.2058, 78.0293, 90.7705

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.5583, 84.4179, 107.3413 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(161, 252, 255)` looks like.

```
.text, #text, p{  
    color:rgb(161, 252, 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(161, 252, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 252, 255) }
```

Border

The CSS property to change the border of an element to XYZ 67.5583, 84.4179, 107.3413 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(161, 252, 255) }
```


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

```
.border{ border-color:rgb(161, 252, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 252, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 252, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 252, 255);  
box-shadow:4px 4px 4px 4px rgb(161, 252,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 67.5583, 84.4179, 107.3413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 252, 255) }
```

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

```
.background{ background-color: rgb(161,  
252, 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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