

Converting Colors

XYZ(74.9318, 83.1254,
146.5575)

Have a look what the booklet for
XYZ(74.9318, 83.1254, 146.5575)
contains.

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Color

**XYZ(67.3342, 80.2054,
106.5400)**

Conversions

Conversions Part 1

Format	Color
Hex	ADF3FF
RGB	173, 243, 255
RGB Percent	68%, 95%, 100%
CMY	0.3216, 0.0470, 0.0000
CMYK	0.32, 0.05, 0.00, 0.00
HSL	189°, 100%, 84%
HSV	189°, 32%, 100%
XYZ	67.3342, 80.2054, 106.5400
YIQ	223.4380, -45.5720, -11.1080

Conversions

Conversions Part 2

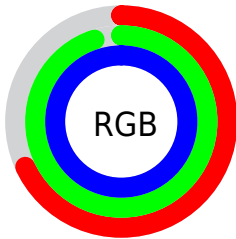
Format	Color
RYB	173, 211, 255
Decimal	11400191
CIELab	91.78, -18.83, -12.73
CIElCh	92, 22.730, 214.068
Yxy	80.2054, 0.2650, 0.3157
Android (android.graphics.Color)	4289590271 (0xFFADF3FF)
YUV	223.4380, 15.5601, -44.2341
Hunter-Lab	89.5575, -22.5195, -7.8428

Details

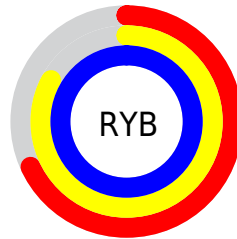
The XYZ color **67.3342, 80.2054, 106.5400** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **66.1321, 58.9750, 47.4349**, and the grayscale version is **70.3685, 74.0332, 80.6221**.

A 20% lighter version of the original color is **86.7650, 95.7289, 108.5123**, and **35.2995, 43.3998, 59.9426** is the 20% darker color. If you saturate the color by 10%, you get **61.1199, 75.3632, 105.9329**, and if you desaturate by 10%, it is **74.6515, 85.6539, 107.2060**.

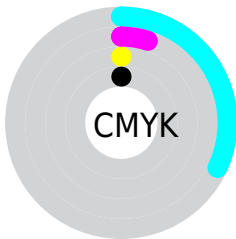
Distribution



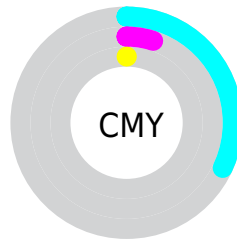
- Red (68%)
- Green (95%)
- Blue (100%)



- Red (68%)
- Yellow (83%)
- Blue (100%)



- Cyan (32%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (32%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.3342, 80.2054, 106.5400 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 67.3342, 80.2054, 106.5400 by changing the saturation by 10% instead.

67.3342, 80.2054,
106.5400

67.3342, 80.2054,
106.5400

440.5472,
495.6248, 602.3880

49.6280, 59.8874,
81.1263

114.4463,
133.6545, 172.2460

35.3345, 43.3279,
60.1140

144.5829,
167.5543, 213.3753

24.0884, 30.1425,
43.0846

179.5936,
206.7503, 260.5802

15.5243, 19.9467,
29.6196

219.8439,
251.6267, 314.2793

9.2768, 12.3563,
19.3005

265.6990,
302.5679, 374.8911

4.9808, 6.9868,
11.7086

317.5244,

2.2706, 3.4539,

359.9584, 442.8341

6.4254

375.6853,
424.1826, 518.5269

■ 0.7796, 1.3730,
3.0325

■ 0.0000, 0.1967,
1.1113

■ 67.3342, 80.2054,
106.5400

■ 67.3342, 80.2054,
106.5400

■ 61.1199, 75.3632,
105.9329

■ 74.6515, 85.6539,
107.2060

■ 55.9407, 71.0861,
105.3803

■ 83.1221, 91.7288,
107.9322

■ 51.7310, 67.3421,
104.8796

■ 92.8008, 98.4605,
108.7214

■ 48.4149, 64.0918,
104.4270

■ 95.0500, 100.0000,
108.9000

■ 45.9048, 61.2900,
104.0185

■ 44.0951, 58.8819,
103.6490

■ 43.0423, 57.2046,
103.3808

Harmonies

Analogous

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



65.6072, 80.2054, 89.6233



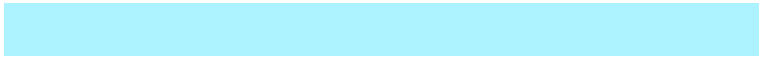
67.3342, 80.2054, 106.5400



71.4435, 80.2054, 119.4365

Triad

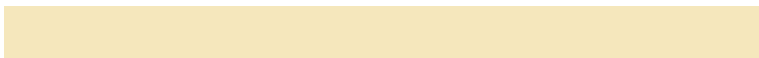
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.3342, 80.2054, 106.5400



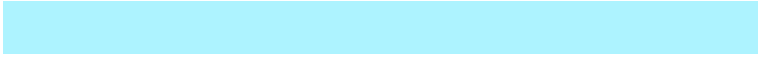
86.7452, 80.2054, 102.1070



75.4417, 80.2054, 59.1059

Complementary

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



67.3342, 80.2054, 106.5400



66.1321, 58.9750, 47.4349

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.



81.2315, 80.2054, 61.5642



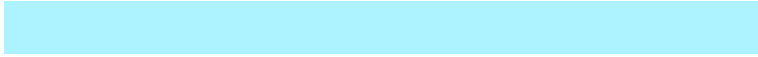
67.3342, 80.2054, 106.5400



87.9479, 80.2054, 85.0762

Square

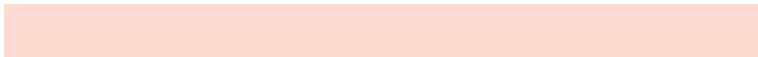
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.3342, 80.2054, 106.5400



82.6744, 80.2054, 116.6571



85.8828, 80.2054, 70.5802



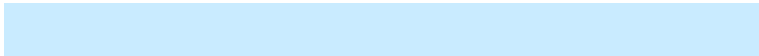
70.1348, 80.2054, 63.3826

Rectangle

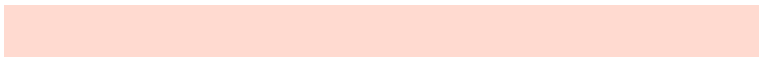
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.3342, 80.2054, 106.5400



75.0823, 80.2054, 123.2403



85.8828, 80.2054, 70.5802



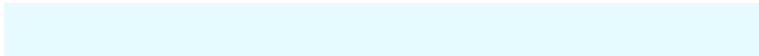
77.3951, 80.2054, 59.1759

Sweetspot

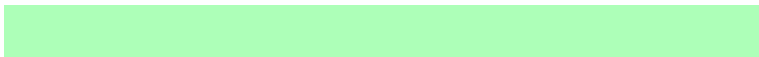
The Sweet Spot groups the original color and five complimentary colors.



67.3364, 80.2085, 106.5405



85.1043, 93.1232, 108.0968



61.6396, 83.8627, 58.2510



17.9378, 19.7368, 23.1141



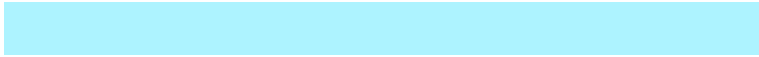
0.0000, 0.0000, 0.0000



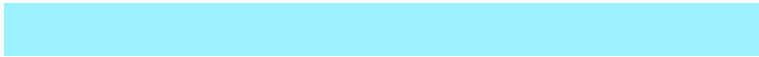
20.3446, 21.4041, 23.3091

Same Dimension

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



67.3364, 80.2085, 106.5405



62.9664, 76.8291, 106.1186



56.6567, 58.8492, 102.9807



18.3151, 20.0017, 23.1454



22.5769, 30.0633, 54.0475



2.2573, 3.0453, 5.2821

Inverse Universe

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



72.3626, 57.6200, 92.1053



68.8484, 51.2043, 89.0444



75.6908, 78.0925, 50.6212



18.6717, 18.2520, 22.1542



28.1840, 13.7629, 35.9488



2.7740, 1.3520, 3.6572

Previews

White Background



This preview shows how the XYZ color 67.3342, 80.2054, 106.5400 looks on a white background.

Color Contrast Check

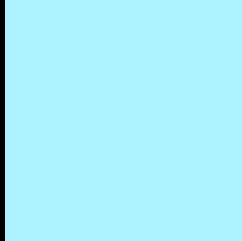
Large Text (above 18pt) WCAG AA × Fail

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 67.3342, 80.2054, 106.5400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

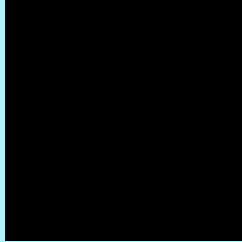
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.3342, 80.2054, 106.5400

Background



This preview shows how black text looks on a background with the XYZ color 67.3342, 80.2054, 106.5400.

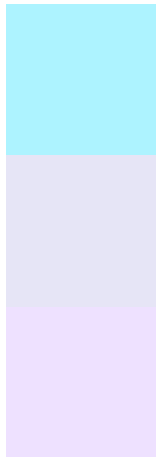


This preview shows how white text looks on a background with the XYZ color 67.3342, 80.2054,

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

67.3342, 80.2054, 106.5400

Protanopia

77.2870, 79.5154, 98.4633

Deuteranopia

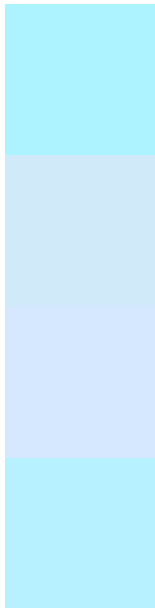
80.2351, 79.2476, 105.6752



Tritanopia

70.1964, 80.3590, 106.4188

Trichromacy



Original Color

67.3342, 80.2054, 106.5400

Protanomaly

72.8162, 79.2405, 101.0797

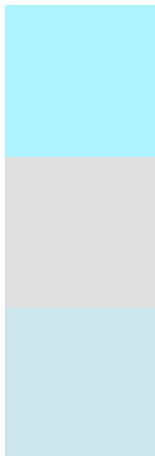
Deuteranomaly

74.6382, 79.2294, 105.9667

Tritanomaly

69.0337, 80.1979, 106.4490

Monochromacy



Original Color

67.3342, 80.2054, 106.5400

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

68.4690, 75.5709, 89.5752

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.3342, 80.2054, 106.5400 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(173, 243, 255)` looks like.

```
.text, #text, p{  
    color:rgb(173, 243, 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(173, 243, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 243, 255) }
```

Border

The CSS property to change the border of an element to XYZ 67.3342, 80.2054, 106.5400 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(173, 243, 255) }
```


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

```
.border{ border-color:rgb(173, 243, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 243, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 243, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 243, 255);  
box-shadow:4px 4px 4px 4px rgb(173, 243,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 67.3342, 80.2054, 106.5400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 243, 255) }
```

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

```
.background{ background-color: rgb(173,  
243, 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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