

Converting Colors

XYZ(67.4434, 80.7044,
105.7420)

Have a look what the booklet for
XYZ(67.4434, 80.7044, 105.7420)
contains.

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Color

**XYZ(67.4737, 80.7414,
105.7943)**

Conversions

Conversions Part 1

Format	Color
Hex	ADF4FE
RGB	173, 244, 254
RGB Percent	68%, 96%, 100%
CMY	0.3216, 0.0431, 0.0039
CMYK	0.32, 0.04, 0.00, 0.00
HSL	187°, 98%, 84%
HSV	187°, 32%, 100%
XYZ	67.4737, 80.7414, 105.7943
YIQ	223.9110, -45.5260, -11.9420

Conversions

Conversions Part 2

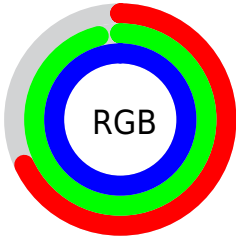
Format	Color
RYB	173, 211, 254
Decimal	11400446
CIELab	92.02, -19.55, -11.86
CIELCh	92, 22.867, 211.228
Yxy	80.7414, 0.2656, 0.3179
Android (android.graphics.Color)	4289590526 (0xFFADF4FE)
YUV	223.9110, 14.8339, -44.6489
Hunter-Lab	89.8562, -23.2114, -6.9071

Details

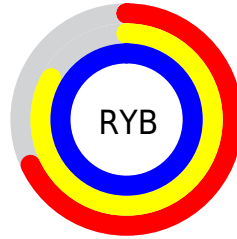
The XYZ color **67.4737, 80.7414, 105.7943** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **65.3505, 57.9557, 47.2793**, and the grayscale version is **70.7107, 74.3932, 81.0142**.

A 20% lighter version of the original color is **86.7650, 95.7289, 108.5123**, and **35.3974, 43.7796, 59.4080** is the 20% darker color. If you saturate the color by 10%, you get **61.4475, 76.2482, 105.2460**, and if you desaturate by 10%, it is **74.5884, 85.8235, 106.4016**.

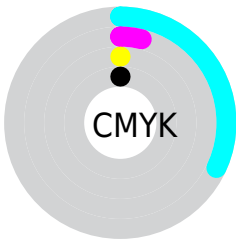
Distribution



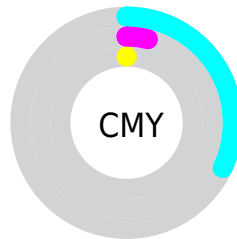
- Red (68%)
- Green (96%)
- Blue (100%)



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



- Cyan (32%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (32%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.4737, 80.7414, 105.7943 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 67.4737, 80.7414, 105.7943 by changing the saturation by 10% instead.


 67.4737, 80.7414,
105.7943

 67.4737, 80.7414,
105.7943


441.0351,
497.4279, 600.0189

 49.7418, 60.3286,
80.5046


 114.6450,
134.4076, 171.2184

 35.4252, 43.6836,
59.6051


144.8150,
168.4298, 212.1899

 24.1587, 30.4218,
42.6772


179.8619,
207.7573, 259.2257

 15.5767, 20.1590,
29.3024

220.1509,
252.7745, 312.7444

 9.3141, 12.5107,
19.0621

266.0473,
303.8658, 373.1646

 5.0054, 7.0925,
11.5379

317.9166,

 2.2852, 3.5200,

361.4155, 440.9047

6.3112

376.1240,
425.8081, 516.3833

■ 0.7871, 1.4089,
2.9634

■ 0.0000, 0.2232,
1.0760

■ 67.4737, 80.7414,
105.7943

■ 67.4737, 80.7414,
105.7943

■ 61.4475, 76.2482,
105.2460

■ 74.5884, 85.8235,
106.4016

■ 56.4418, 72.3029,
104.7483

■ 82.8404, 91.5138,
107.0650

■ 52.3923, 68.8741,
104.2999

■ 92.2841, 97.8425,
107.7889

■ 49.2240, 65.9230,
103.8973

94.8896, 99.9359,
108.0556

■ 46.8507, 63.4051,
103.5364

■ 45.1684, 61.2667,
103.2123

■ 44.1844, 59.7453,
102.9705

Harmonies

Analogous

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



65.9836, 80.7414, 88.6098



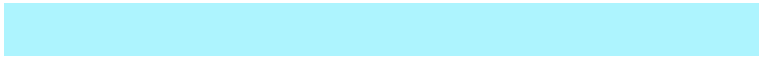
67.4737, 80.7414, 105.7943



71.4275, 80.7414, 119.4638

Triad

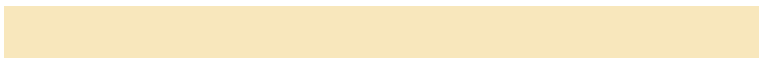
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.4737, 80.7414, 105.7943



87.0865, 80.7414, 104.4396



76.5001, 80.7414, 59.3495

Complementary

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



67.4737, 80.7414, 105.7943



65.3505, 57.9557, 47.2793

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.



82.3144, 80.7414, 62.4736



67.4737, 80.7414, 105.7943



88.6112, 80.7414, 87.2212

Square

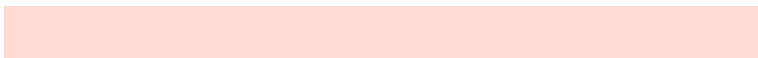
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.4737, 80.7414, 105.7943



82.7551, 80.7414, 118.6140



86.8230, 80.7414, 72.1705



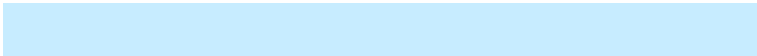
71.0280, 80.7414, 63.0281

Rectangle

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



67.4737, 80.7414, 105.7943



75.0309, 80.7414, 123.9590



86.8230, 80.7414, 72.1705



78.4795, 80.7414, 59.6357

Sweetspot

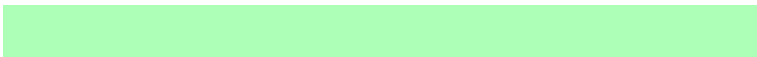
The Sweet Spot groups the original color and five complimentary colors.



67.4761, 80.7446, 105.7962



85.2870, 93.4887, 108.1578



61.1672, 83.1655, 57.3308



17.9823, 19.8258, 23.1289



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.



67.4761, 80.7446, 105.7962



64.2329, 78.6245, 106.3984



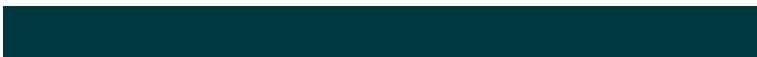
56.7295, 59.2514, 102.2140



18.3523, 20.0762, 23.1578



23.3687, 31.6470, 54.3114



2.3268, 3.1842, 5.3053

Inverse Universe

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



72.1478, 57.4917, 92.8859



69.6677, 52.2213, 91.2337



74.7918, 76.8383, 50.4264



18.6905, 18.2595, 22.2531



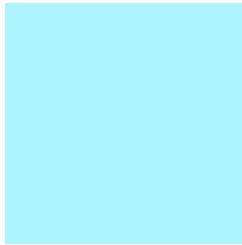
28.5836, 13.9228, 38.0535



2.8090, 1.3660, 3.8418

Previews

White Background



This preview shows how the XYZ color 67.4737, 80.7414, 105.7943 looks on a white background.

Color Contrast Check

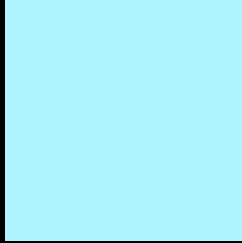
Large Text (above 18pt) WCAG AA × Fail

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 67.4737, 80.7414, 105.7943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

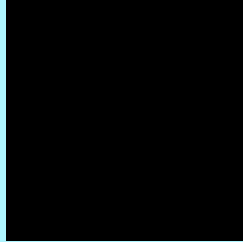
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.4737, 80.7414, 105.7943

Background



This preview shows how black text looks on a background with the XYZ color 67.4737, 80.7414, 105.7943.

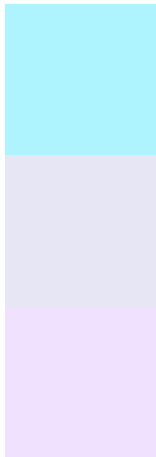


This preview shows how white text looks on a background with the XYZ color 67.4737, 80.7414,

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

67.4737, 80.7414, 105.7943

Protanopia

77.7332, 80.1751, 97.7646

Deuteranopia

81.1815, 80.1380, 105.7972



Tritanopia

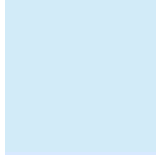
70.6959, 80.6165, 106.4422

Trichromacy



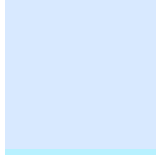
Original Color

67.4737, 80.7414, 105.7943



Protanomaly

73.2300, 79.8956, 100.3687



Deuteranomaly

75.5078, 80.0968, 106.0883



Tritanomaly

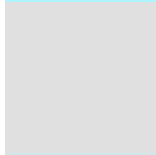
69.2725, 80.3209, 106.4602

Monochromacy



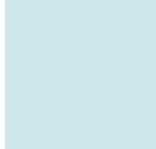
Original Color

67.4737, 80.7414, 105.7943



Achromatopsia

70.8507, 74.5404, 81.1745



Achromatomaly

68.7481, 76.1291, 89.6682

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.4737, 80.7414, 105.7943 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, 244, 254)` looks like.

```
.text, #text, p{  
    color:rgb(173, 244, 254)  
}
```

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, 244, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 244, 254) }
```

Border

The CSS property to change the border of an element to XYZ 67.4737, 80.7414, 105.7943 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, 244, 254) }
```


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

```
.border{ border-color:rgb(173, 244, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 244, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 244, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 244, 254);  
box-shadow:4px 4px 4px 4px rgb(173, 244,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 67.4737, 80.7414, 105.7943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 244, 254) }
```

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

```
.background{ background-color: rgb(173,  
244, 254) }
```

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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