

Converting Colors

XYZ(79.6878, 89.6218,
125.5953)

Have a look what the booklet for
XYZ(79.6878, 89.6218, 125.5953)
contains.

XYZ(76.3666, 88.4937, 107.6638)	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(76.3666, 88.4937,
107.6638)**

Conversions

Conversions Part 1

Format	Color
Hex	C8FBFF
RGB	200, 251, 255
RGB Percent	78%, 98%, 100%
CMY	0.2157, 0.0157, 0.0000
CMYK	0.22, 0.02, 0.00, 0.00
HSL	184°, 100%, 89%
HSV	184°, 22%, 100%
XYZ	76.3666, 88.4937, 107.6638
YIQ	236.2070, -31.6800, -9.5680

Conversions

Conversions Part 2

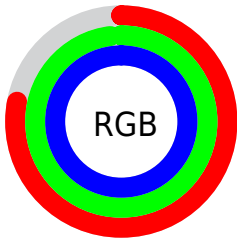
Format	Color
RYB	200, 226, 255
Decimal	13171711
CIELab	95.37, -15.21, -7.24
CIELCh	95, 16.843, 205.444
Yxy	88.4937, 0.2802, 0.3247
Android (android.graphics.Color)	4291361791 (0xFFC8FBFF)
YUV	236.2070, 9.2649, -31.7535
Hunter-Lab	94.0711, -19.7187, -2.0073

Details

The XYZ color **76.3666, 88.4937, 107.6638** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **73.2580, 68.6150, 64.0283**, and the grayscale version is **79.8379, 83.9957, 91.4713**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.1619, 48.6805, 60.6529** is the 20% darker color. If you saturate the color by 10%, you get **69.5407, 84.1223, 107.1798**, and if you desaturate by 10%, it is **84.3386, 93.4690, 108.2039**.

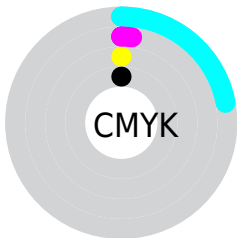
Distribution



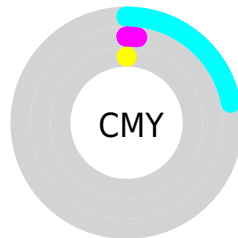
- Red (78%)
- Green (98%)
- Blue (100%)



- Red (78%)
- Yellow (89%)
- Blue (100%)



- Cyan (22%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.3666, 88.4937, 107.6638 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 76.3666, 88.4937, 107.6638 by changing the saturation by 10% instead.

76.3666, 88.4937,
107.6638

76.3666, 88.4937,
107.6638

471.5268,
523.1186, 605.9492

57.0313, 66.7320,
82.0637

127.2226,
145.2443, 173.7932

41.2706, 48.8669,
60.8819

159.4739,
181.0020, 215.1596

28.7192, 34.5139,
43.6999

196.7614,
222.1938, 262.6184

19.0117, 23.2887,
30.0992

239.4502,
269.2042, 316.5884

11.7828, 14.8068,
19.6612

287.9058,
322.4174, 377.4878

6.6671, 8.6839,
11.9674

342.4936,

3.2993, 4.5356,

382.2180, 445.7355

6.5992

403.5788,
448.9903, 521.7497

■ 1.3139, 1.9774,
3.1381

■ 0.1936, 0.5943,
1.1656

■ 76.3666, 88.4937,
107.6638

■ 76.3666, 88.4937,
107.6638

■ 69.5407, 84.1223,
107.1798

■ 84.3386, 93.4690,
108.2039

■ 63.7976, 80.3151,
106.7476

■ 93.5021, 99.0646,
108.8010

■ 59.0786, 77.0443,
106.3650

■ 95.0500, 100.0000,
108.9000

■ 55.3164, 74.2750,
106.0288

■ 52.4359, 71.9686,
105.7354

■ 50.3504, 70.0803,
105.4809

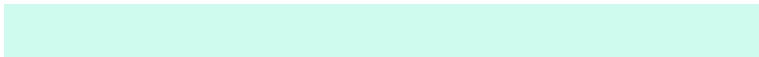
■ 48.9557, 68.5564,
105.2602

■ 48.1828, 67.4856,
105.0943

Harmonies

Analogous

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



75.5903, 88.4937, 94.3547



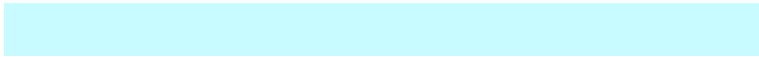
76.3666, 88.4937, 107.6638



79.1882, 88.4937, 118.7815

Triad

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



76.3666, 88.4937, 107.6638



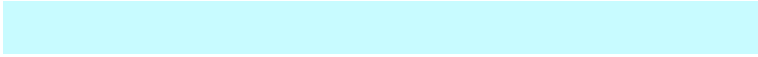
91.6147, 88.4937, 111.4638



84.8158, 88.4937, 73.2249

Complementary

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



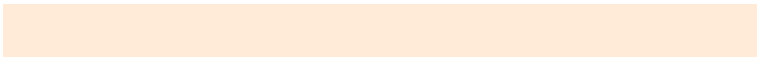
76.3666, 88.4937, 107.6638



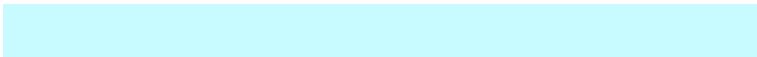
73.2580, 68.6150, 64.0283

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.



89.2329, 88.4937, 76.9447



76.3666, 88.4937, 107.6638



93.2483, 88.4937, 98.3826

Square

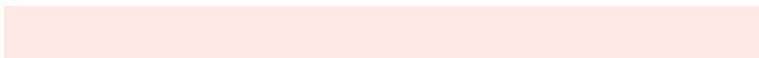
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



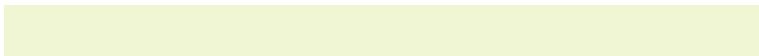
76.3666, 88.4937, 107.6638



87.9719, 88.4937, 121.1120



92.3612, 88.4937, 85.8664



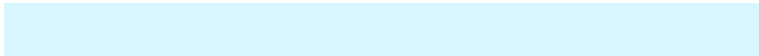
80.3640, 88.4937, 75.2242

Rectangle

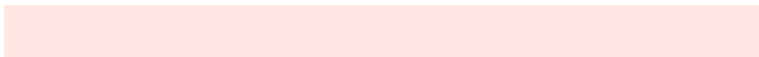
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



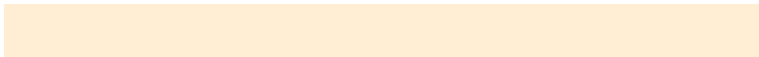
76.3666, 88.4937, 107.6638



81.9051, 88.4937, 123.0387



92.3612, 88.4937, 85.8664



86.3553, 88.4937, 73.8376

Sweetspot

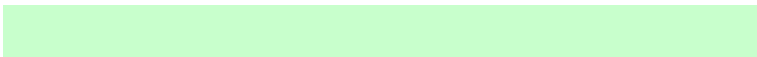
The Sweet Spot groups the original color and five complimentary colors.



76.3689, 88.4972, 107.6643



89.2899, 96.5057, 108.5291



70.4396, 88.1435, 70.2199



18.9832, 20.5778, 23.2213



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.



76.3689, 88.4972, 107.6643



73.2047, 86.4860, 107.4429



68.4815, 72.7224, 105.0352



18.4353, 20.2422, 23.1854



25.2243, 35.3582, 54.9299



2.4884, 3.5075, 5.3591

Inverse Universe

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



79.3083, 69.5352, 100.5125



76.6573, 64.4399, 98.9916



80.2886, 82.6761, 66.3718



18.7324, 18.2763, 22.4737



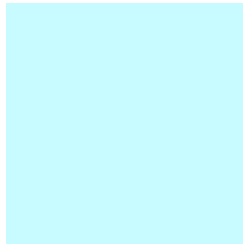
29.5203, 14.2974, 42.9857



2.8906, 1.3986, 4.2715

Previews

White Background



This preview shows how the XYZ color 76.3666, 88.4937, 107.6638 looks on a white background.

Color Contrast Check

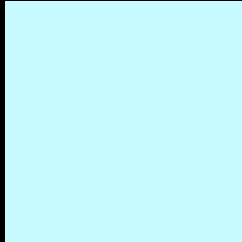
Large Text (above 18pt) WCAG AA × Fail

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 76.3666, 88.4937, 107.6638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

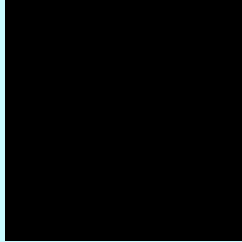
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

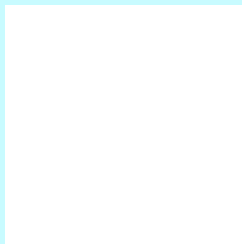
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.3666, 88.4937, 107.6638

Background



This preview shows how black text looks on a background with the XYZ color 76.3666, 88.4937, 107.6638.



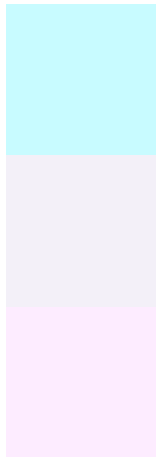
This preview shows how white text looks on a background with the XYZ color 76.3666, 88.4937,

107.6638.

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

76.3666, 88.4937, 107.6638

Protanopia

85.0655, 88.1522, 101.3386

Deuteranopia

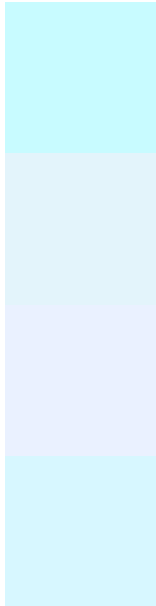
88.5535, 88.0936, 106.9442



Tritanopia

81.1338, 88.2128, 107.3583

Trichromacy



Original Color

76.3666, 88.4937, 107.6638

Protanomaly

81.4418, 87.9973, 103.9595

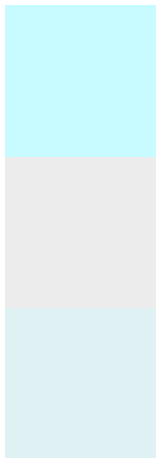
Deuteranomaly

83.4370, 87.6230, 107.1231

Tritanomaly

79.3351, 88.1886, 107.4484

Monochromacy



Original Color

76.3666, 88.4937, 107.6638

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

78.0644, 85.0696, 97.0997

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.3666, 88.4937, 107.6638 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(200, 251, 255)` looks like.

```
.text, #text, p{  
    color:rgb(200, 251, 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(200, 251, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 251, 255) }
```

Border

The CSS property to change the border of an element to XYZ 76.3666, 88.4937, 107.6638 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(200, 251, 255) }
```


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

```
.border{ border-color:rgb(200, 251, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 251, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 251, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 251, 255);  
box-shadow:4px 4px 4px 4px rgb(200, 251,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 76.3666, 88.4937, 107.6638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 251, 255) }
```

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

```
.background{ background-color: rgb(200,  
251, 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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