

Converting Colors

XYZ(75.1834, 89.7787,
107.0551)

Have a look what the booklet for
XYZ(75.1834, 89.7787, 107.0551)
contains.

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Color

**XYZ(75.1353, 89.7521,
107.1298)**

Conversions

Conversions Part 1

Format	Color
Hex	BFFFFE
RGB	191, 255, 254
RGB Percent	75%, 100%, 100%
CMY	0.2510, 0.0000, 0.0039
CMYK	0.25, 0.00, 0.00, 0.00
HSL	179°, 100%, 87%
HSV	179°, 25%, 100%
XYZ	75.1353, 89.7521, 107.1298
YIQ	235.7500, -37.8230, -13.8790

Conversions

Conversions Part 2

Format	Color
R _Y B	191, 223, 255
Decimal	12582910
CIE Lab	95.89, -19.99, -6.00
CIE LCh	96, 20.867, 196.712
Yxy	89.7521, 0.2762, 0.3300
Android (android.graphics.Color)	4290772990 (0xFFBFFFFE)
YUV	235.7500, 8.9973, -39.2457
Hunter-Lab	94.7376, -24.2245, -0.7292

Details

The XYZ color **75.1353, 89.7521, 107.1298** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.3861, 62.3289, 58.2437**, and the grayscale version is **79.4917, 83.6315, 91.0747**.

A 20% lighter version of the original color is **92.8769, 98.8797, 108.7983**, and **40.4255, 49.6536, 60.2768** is the 20% darker color. If you saturate the color by 10%, you get **69.2080, 86.7038, 106.5217**, and if you desaturate by 10%, it is **82.1813, 93.3771, 107.7939**.

Distribution



- Red (75%)
- Green (100%)
- Blue (100%)



- Red (75%)
- Yellow (87%)
- Blue (100%)



- Cyan (25%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (0%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.1353, 89.7521, 107.1298 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 75.1353, 89.7521, 107.1298 by changing the saturation by 10% instead.

75.1353, 89.7521,
107.1298

75.1353, 89.7521,
107.1298

467.3725,
527.2241, 604.2584

56.0183, 67.7751,
81.6182

125.4908,
146.9940, 173.0582

40.4547, 49.7148,
60.5169

157.4599,
183.0276, 214.3121

28.0790, 35.1868,
43.4074

194.4439,
224.5156, 261.6504

18.5260, 23.8068,
29.8711

236.8079,
271.8423, 315.4918

11.4302, 15.1904,
19.4896

284.9175,
325.3921, 376.2547

6.4264, 8.9531,
11.8442

339.1378,

3.1492, 4.7106,

385.5494, 444.3578

6.5164

399.8344,
452.6986, 520.2195

■ 1.2331, 2.0785,
3.0877

■ 0.1323, 0.6525,
1.1396

■ 75.1353, 89.7521,
107.1298

■ 75.1353, 89.7521,
107.1298

■ 69.2080, 86.7038,
106.5217

■ 82.1813, 93.3771,
107.7939

■ 64.3383, 84.2007,
105.9623

■ 90.3965, 97.6048,
108.5119

■ 60.4642, 82.2109,
105.4502

95.0500, 100.0000,
108.9000

■ 57.5160, 80.6984,
104.9821

■ 55.4150, 79.6225,
104.5543

■ 54.0692, 78.9360,
104.1626

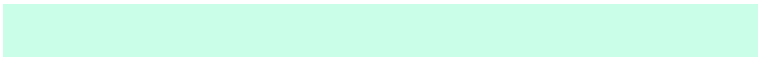
■ 53.3657, 78.5806,
103.8017

■ 53.1761, 78.4865,
103.6322

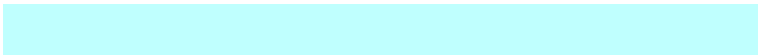
Harmonies

Analogous

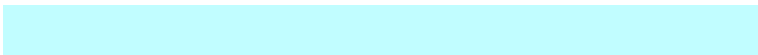
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.9781, 89.7521, 90.6157



75.1353, 89.7521, 107.1298



77.9376, 89.7521, 122.6722

Triad

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



75.1353, 89.7521, 107.1298



93.6229, 89.7521, 121.1202



87.8771, 89.7521, 69.9980

Complementary

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



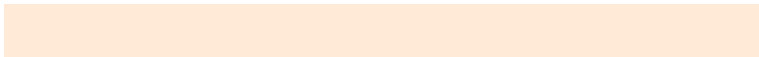
75.1353, 89.7521, 107.1298



69.3861, 62.3289, 58.2437

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.



93.1262, 89.7521, 76.4120



75.1353, 89.7521, 107.1298



96.5427, 89.7521, 105.1963

Square

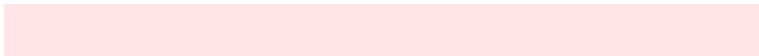
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.1353, 89.7521, 107.1298



88.5304, 89.7521, 131.3509



96.3569, 89.7521, 88.8870



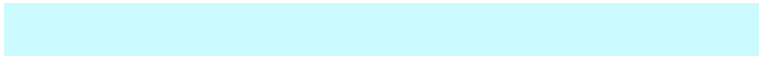
82.1622, 89.7521, 70.3912

Rectangle

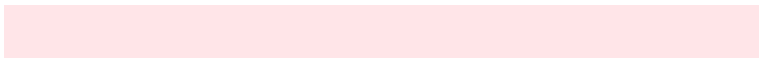
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



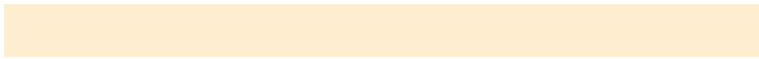
75.1353, 89.7521, 107.1298



81.0035, 89.7521, 129.8413



96.3569, 89.7521, 88.8870



89.7596, 89.7521, 71.3958

Sweetspot

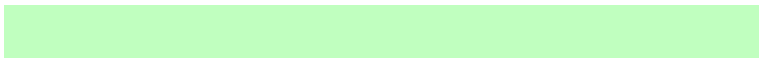
The Sweet Spot groups the original color and five complimentary colors.



75.1364, 89.7527, 107.1313



87.8878, 96.3137, 108.2976



66.9203, 86.4973, 62.4607



18.5419, 20.4763, 23.1568



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

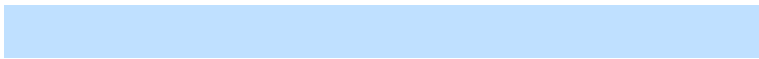
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.1364, 89.7527, 107.1313



72.0935, 88.1876, 106.8260



66.2107, 71.6448, 104.9469



18.5419, 20.4763, 23.1568



27.7913, 41.0131, 54.1795



2.7097, 3.9948, 5.2952

Inverse Universe

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



69.3861, 62.3289, 58.2437



65.4671, 56.5829, 50.4875



76.7484, 77.2298, 60.1539



18.0209, 17.9917, 18.7272



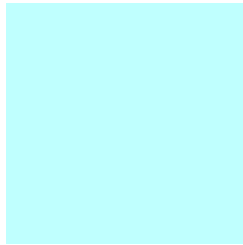
21.5651, 11.1153, 1.0945



2.1036, 1.0838, 0.1269

Previews

White Background



This preview shows how the XYZ color 75.1353, 89.7521, 107.1298 looks on a white background.

Color Contrast Check

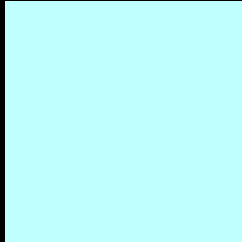
Large Text (above 18pt) WCAG AA × Fail

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 75.1353, 89.7521, 107.1298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

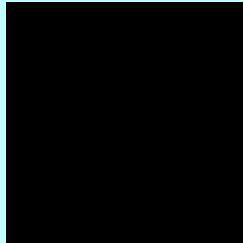
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

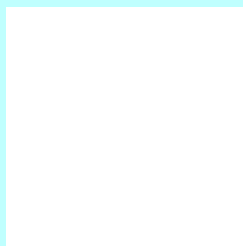
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.1353, 89.7521, 107.1298

Background



This preview shows how black text looks on a background with the XYZ color 75.1353, 89.7521, 107.1298.

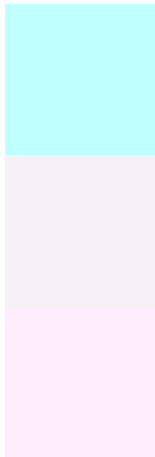


This preview shows how white text looks on a background with the XYZ color 75.1353, 89.7521,

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

75.1353, 89.7521, 107.1298

Protanopia

86.0959, 89.1572, 99.8601

Deuteranopia

89.4136, 88.9841, 106.2290



Tritanopia

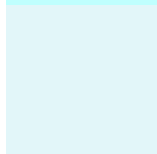
82.0571, 89.1391, 107.4884

Trichromacy



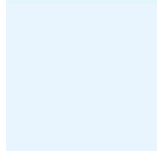
Original Color

75.1353, 89.7521, 107.1298



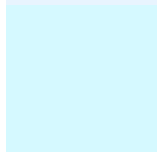
Protanomaly

81.4187, 88.9198, 102.4946



Deuteranomaly

83.5188, 89.0129, 106.5452



Tritanomaly

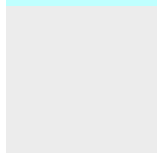
79.3663, 89.1175, 107.6261

Monochromacy



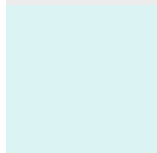
Original Color

75.1353, 89.7521, 107.1298



Achromatopsia

79.7278, 83.8799, 91.3452



Achromatomaly

77.7435, 85.7879, 97.2552

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.1353, 89.7521, 107.1298 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(191, 255, 254)` looks like.

```
.text, #text, p{  
    color:rgb(191, 255, 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(191, 255, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 255, 254) }
```

Border

The CSS property to change the border of an element to XYZ 75.1353, 89.7521, 107.1298 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(191, 255, 254) }
```


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

```
.border{ border-color:rgb(191, 255, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 255, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 255, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 255, 254);  
box-shadow:4px 4px 4px 4px rgb(191, 255,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 75.1353, 89.7521, 107.1298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 255, 254) }
```

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

```
.background{ background-color: rgb(191,  
255, 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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