

Converting Colors

XYZ(78.0804, 87.2323,
121.3576)

Have a look what the booklet for
XYZ(78.0804, 87.2323, 121.3576)
contains.

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Color

**XYZ(75.3982, 86.1590,
107.2642)**

Conversions

Conversions Part 1

Format	Color
Hex	C9F7FF
RGB	201, 247, 255
RGB Percent	79%, 97%, 100%
CMY	0.2118, 0.0314, 0.0000
CMYK	0.21, 0.03, 0.00, 0.00
HSL	189°, 100%, 89%
HSV	189°, 21%, 100%
XYZ	75.3982, 86.1590, 107.2642
YIQ	234.1580, -29.9840, -7.2640

Conversions

Conversions Part 2

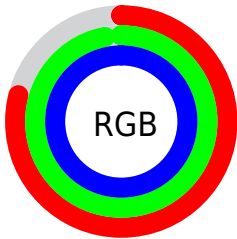
Format	Color
R_{YB}	201, 226, 255
Decimal	13236223
CIE _{Lab}	94.38, -12.92, -8.69
CIE _{LCh}	94, 15.575, 213.928
Yxy	86.1590, 0.2805, 0.3205
Android (android.graphics.Color)	4291426303 (0xFFC9F7FF)
YUV	234.1580, 10.2751, -29.0796
Hunter-Lab	92.8219, -17.4447, -3.5397

Details

The XYZ color **75.3982, 86.1590, 107.2642** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.5830, 71.0773, 65.0486**, and the grayscale version is **78.2692, 82.3453, 89.6740**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.6779, 47.4498, 60.4409** is the 20% darker color. If you saturate the color by 10%, you get **67.9615, 80.6307, 106.5891**, and if you desaturate by 10%, it is **84.0007, 92.3275, 108.0014**.

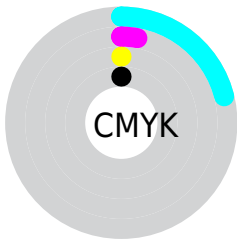
Distribution



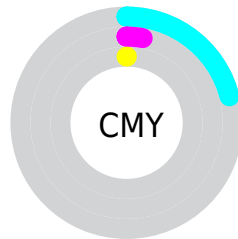
- Red (79%)
- Green (97%)
- Blue (100%)



- Red (79%)
- Yellow (89%)
- Blue (100%)



- Cyan (21%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)



- Cyan (21%)
- Magenta (3%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.3982, 86.1590, 107.2642 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 75.3982, 86.1590, 107.2642 by changing the saturation by 10% instead.

75.3982, 86.1590,
107.2642

75.3982, 86.1590,
107.2642

468.2612,
515.4553, 604.6842

56.2345, 64.7995,
81.7303

125.8608,
141.9913, 173.2432

40.6287, 47.2985,
60.6087

157.8903,
177.2329, 214.5254

28.2155, 33.2717,
43.4810

194.9392,
217.8707, 261.8941

18.6294, 22.3347,
29.9285

237.3728,
264.2890, 315.7679

11.5052, 14.1030,
19.5327

285.5565,
316.8722, 376.5652

6.4775, 8.1923,
11.8751

339.8555,

3.1810, 4.2183,

376.0047, 444.7047

6.5372

400.6353,
442.0710, 520.6048

■ 1.2502, 1.7964,
3.1004

■ 0.1454, 0.4849,
1.1461

■ 75.3982, 86.1590,
107.2642

■ 75.3982, 86.1590,
107.2642

■ 67.9615, 80.6307,
106.5891

■ 84.0007, 92.3275,
108.0014

■ 61.6277, 75.7031,
105.9718

■ 93.8146, 99.1532,
108.8017

■ 56.3378, 71.3481,
105.4100

■ 95.0500, 100.0000,
108.9000

■ 52.0249, 67.5308,
104.9005

■ 48.6141, 64.2125,
104.4398

■ 46.0190, 61.3484,
104.0237

■ 44.1364, 58.8850,
103.6474

■ 42.9255, 56.9710,
103.3418

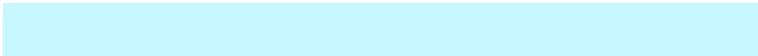
Harmonies

Analogous

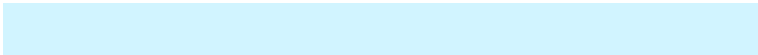
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.1274, 86.1590, 95.3992



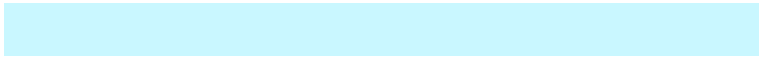
75.3982, 86.1590, 107.2642



78.4076, 86.1590, 116.0592

Triad

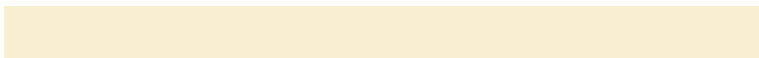
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.3982, 86.1590, 107.2642



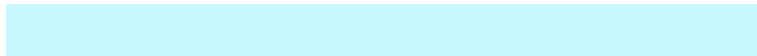
89.3299, 86.1590, 104.3037



81.3419, 86.1590, 72.6593

Complementary

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



75.3982, 86.1590, 107.2642



74.5830, 71.0773, 65.0486

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.



85.4772, 86.1590, 74.6074



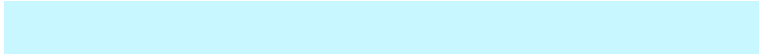
75.3982, 86.1590, 107.2642



90.1798, 86.1590, 92.2435

Square

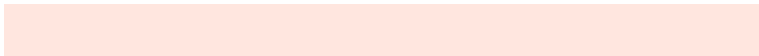
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



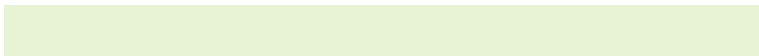
75.3982, 86.1590, 107.2642



86.4628, 86.1590, 114.2504



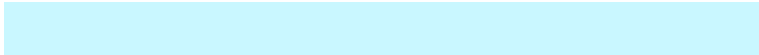
88.7474, 86.1590, 81.5352



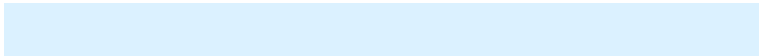
77.4843, 86.1590, 75.9700

Rectangle

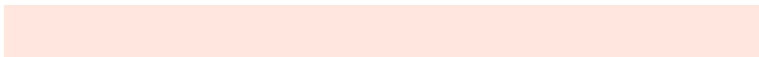
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



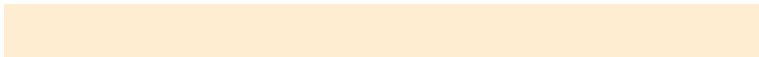
75.3982, 86.1590, 107.2642



81.0438, 86.1590, 118.6300



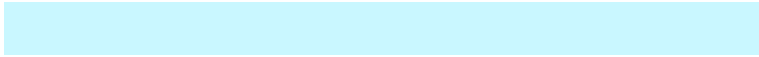
88.7474, 86.1590, 81.5352



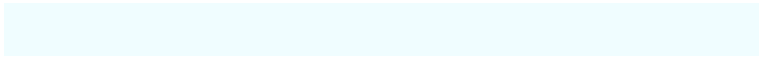
82.7452, 86.1590, 72.7226

Sweetspot

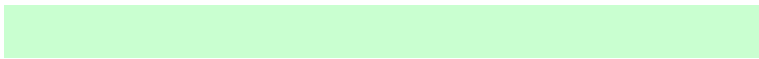
The Sweet Spot groups the original color and five complimentary colors.



75.4005, 86.1624, 107.2647



88.9250, 95.7759, 108.4075



71.2584, 88.5020, 73.1322



18.8967, 20.4047, 23.1925



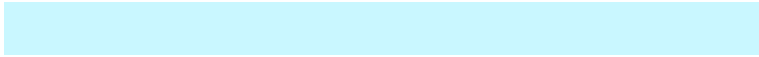
0.0000, 0.0000, 0.0000



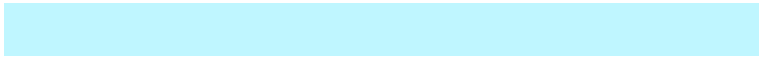
20.3446, 21.4041, 23.3091

Same Dimension

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



75.4005, 86.1624, 107.2647



72.4211, 83.9734, 106.9992



67.9424, 71.2463, 104.7787



18.3122, 19.9960, 23.1444



22.5167, 29.9429, 54.0274



2.2520, 3.0347, 5.2803

Inverse Universe

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



78.9166, 69.7504, 97.3034



76.4926, 65.2576, 95.4001



81.5489, 85.0091, 67.3706



18.6702, 18.2514, 22.1465



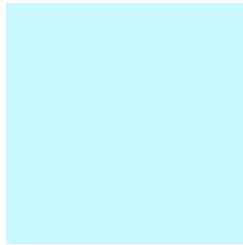
28.1536, 13.7507, 35.7887



2.7713, 1.3509, 3.6431

Previews

White Background



This preview shows how the XYZ color 75.3982, 86.1590, 107.2642 looks on a white background.

Color Contrast Check

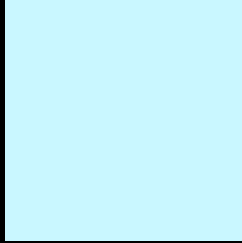
Large Text (above 18pt) WCAG AA × Fail

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 75.3982, 86.1590, 107.2642 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 75.3982, 86.1590, 107.2642

Background



This preview shows how black text looks on a background with the XYZ color 75.3982, 86.1590, 107.2642.

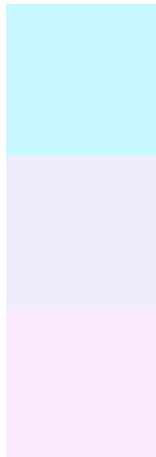


This preview shows how white text looks on a background with the XYZ color 75.3982, 86.1590,

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

75.3982, 86.1590, 107.2642

Protanopia

82.9797, 85.7586, 101.8021

Deuteranopia

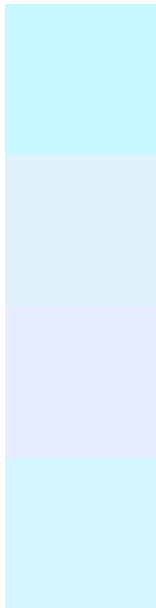
86.6133, 85.8218, 106.6080



Tritanopia

79.0140, 86.2266, 107.0867

Trichromacy



Original Color

75.3982, 86.1590, 107.2642

Protanomaly

79.9192, 85.8832, 103.6317

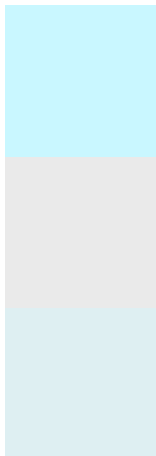
Deuteranomaly

81.9032, 85.5249, 106.7989

Tritanomaly

77.5521, 85.9184, 107.1042

Monochromacy



Original Color

75.3982, 86.1590, 107.2642

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

77.0177, 83.6734, 96.0957

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.3982, 86.1590, 107.2642 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(201, 247, 255)` looks like.

```
.text, #text, p{  
    color:rgb(201, 247, 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(201, 247, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 247, 255) }
```

Border

The CSS property to change the border of an element to XYZ 75.3982, 86.1590, 107.2642 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(201, 247, 255) }
```


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

```
.border{ border-color:rgb(201, 247, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 247, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 247, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 247, 255);  
box-shadow:4px 4px 4px 4px rgb(201, 247,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 75.3982, 86.1590, 107.2642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 247, 255) }
```

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

```
.background{ background-color: rgb(201,  
247, 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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