

Converting Colors

XYZ(103.6243, 100.0000,
255.9013)

Have a look what the booklet for
XYZ(103.6243, 100.0000, 255.9013)
contains.

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Color

**XYZ(75.6810, 89.0727,
107.8117)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | C3FDFF |
| RGB | 195, 253, 255 |
| RGB Percent | 76%, 99%, 100% |
| CMY | 0.2353, 0.0078, 0.0000 |
| CMYK | 0.24, 0.01, 0.00, 0.00 |
| HSL | 182°, 100%, 88% |
| HSV | 182°, 24%, 100% |
| XYZ | 75.6810, 89.0727, 107.8117 |
| YIQ | 235.8860, -35.2100, -11.6740 |

Conversions

Conversions Part 2

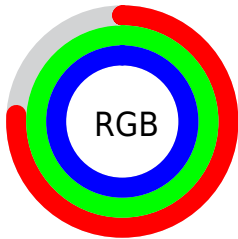
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 195, 224, 255 |
| Decimal | 12844543 |
| CIE Lab | 95.61, -17.65, -6.91 |
| CIE LCh | 96, 18.953, 201.380 |
| Yxy | 89.0727, 0.2777, 0.3268 |
| Android (android.graphics.Color) | 4291034623 (0xFFC3FDFF) |
| YUV | 235.8860, 9.4232, -35.8570 |
| Hunter-Lab | 94.3783, -22.0248, -1.6642 |

Details

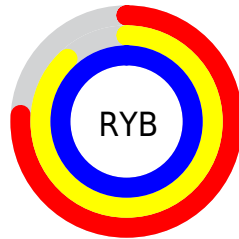
The XYZ color **75.6810, 89.0727, 107.8117** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **71.0565, 65.1319, 60.4582**, and the grayscale version is **79.5931, 83.7381, 91.1908**.

A 20% lighter version of the original color is **94.3180, 99.6226, 108.8657**, and **40.7482, 49.1325, 60.7619** is the 20% darker color. If you saturate the color by 10%, you get **69.3801, 85.4302, 107.4407**, and if you desaturate by 10%, it is **83.1129, 93.3046, 108.2368**.

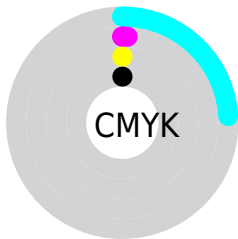
Distribution



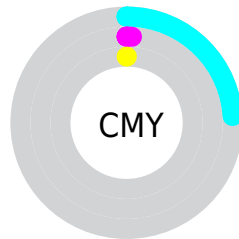
- Red (76%)
- Green (99%)
- Blue (100%)



- Red (76%)
- Yellow (88%)
- Blue (100%)



- Cyan (24%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (1%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.6810, 89.0727, 107.8117 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 75.6810, 89.0727, 107.8117 by changing the saturation by 10% instead.

75.6810, 89.0727,
107.8117

75.6810, 89.0727,
107.8117

469.2162,
525.0097, 606.4171

56.4671, 67.2118,
82.1871

126.2586,
146.0497, 173.9967

40.8160, 49.2568,
60.9831

158.3531,
181.9345, 215.3942

28.3624, 34.8232,
43.7810

195.4718,
223.2628, 262.8864

18.7409, 23.5267,
30.1625

237.9801,
270.4189, 316.8919

11.5861, 14.9829,
19.7088

286.2433,
323.7873, 377.8291

6.5327, 8.8074,
12.0016

340.6268,

3.2153, 4.6158,

383.7523, 446.1167

6.6222

401.4960,
450.6983, 522.1732

■ 1.2686, 2.0236,
3.1521

■ 0.1595, 0.6211,
1.1728

■ 75.6810, 89.0727,
107.8117

■ 75.6810, 89.0727,
107.8117

■ 69.3801, 85.4302,
107.4407

■ 83.1129, 93.3046,
108.2368

■ 64.1460, 82.3372,
107.1196

■ 91.7218, 98.1427,
108.7169

■ 59.9188, 79.7650,
106.8459

95.0500, 100.0000,
108.9000

■ 56.6301, 77.6784,
106.6165

■ 54.2026, 76.0375,
106.4277

■ 52.5470, 74.7963,
106.2754

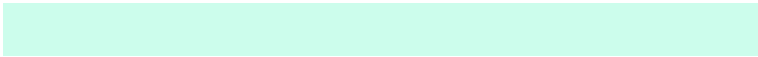
■ 51.5544, 73.8986,
106.1544

■ 51.1644, 73.4487,
106.0881

Harmonies

Analogous

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



75.1481, 89.0727, 92.7531



75.6810, 89.0727, 107.8117



78.5679, 89.0727, 121.1420

Triad

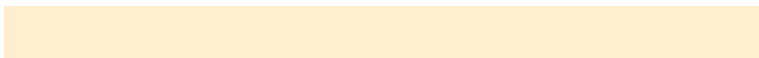
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.6810, 89.0727, 107.8117



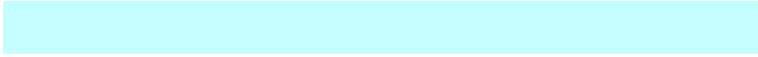
92.7219, 89.0727, 115.9933



86.1695, 89.0727, 71.3213

Complementary

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



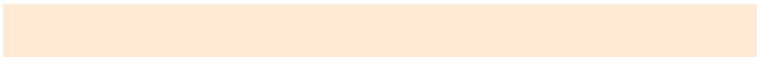
75.6810, 89.0727, 107.8117



71.0565, 65.1319, 60.4582

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.



91.0611, 89.0727, 76.2740



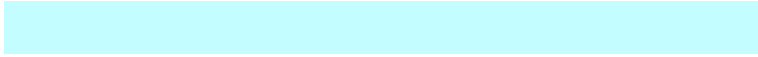
75.6810, 89.0727, 107.8117



94.9445, 89.0727, 101.3437

Square

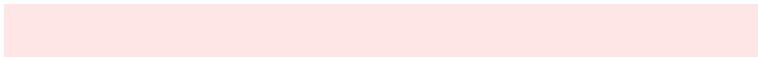
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.6810, 89.0727, 107.8117



88.3614, 89.0727, 126.1921



94.3245, 89.0727, 86.9086



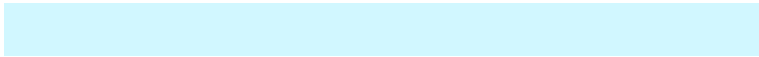
81.0653, 89.0727, 72.6728

Rectangle

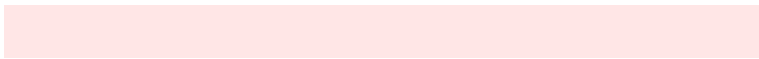
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.6810, 89.0727, 107.8117



81.5061, 89.0727, 126.7557



94.3245, 89.0727, 86.9086



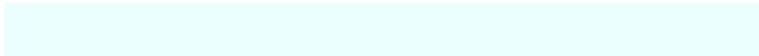
87.8961, 89.0727, 72.2839

Sweetspot

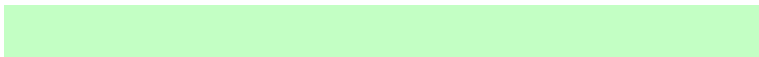
The Sweet Spot groups the original color and five complimentary colors.



75.6833, 89.0762, 107.8122



88.5961, 96.3922, 108.5438



68.2306, 87.1082, 65.4438



18.8501, 20.5684, 23.2265



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

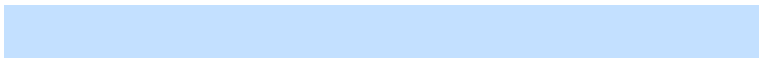
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.6833, 89.0762, 107.8122



72.7287, 87.3755, 107.6397



67.2126, 72.1347, 104.9886



18.5000, 20.3717, 23.2070



26.7576, 38.4247, 55.4410



2.6209, 3.7725, 5.4033

Inverse Universe

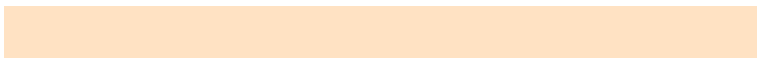
The Inverse Universe completely reimagines the original color for something new.



78.4862, 67.3838, 101.8023



75.9676, 62.4430, 100.6650



78.2874, 79.5938, 62.8685



18.7650, 18.2893, 22.6458



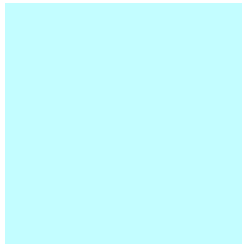
30.2942, 14.6070, 47.0611



2.9575, 1.4254, 4.6236

Previews

White Background



This preview shows how the XYZ color 75.6810, 89.0727, 107.8117 looks on a white background.

Color Contrast Check

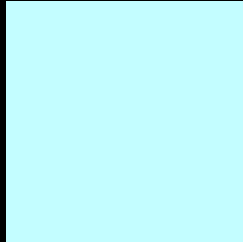
Large Text (above 18pt) WCAG AA × Fail

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 75.6810, 89.0727, 107.8117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

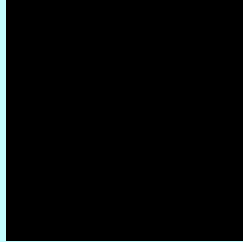
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.6810, 89.0727, 107.8117

Background



This preview shows how black text looks on a background with the XYZ color 75.6810, 89.0727, 107.8117.

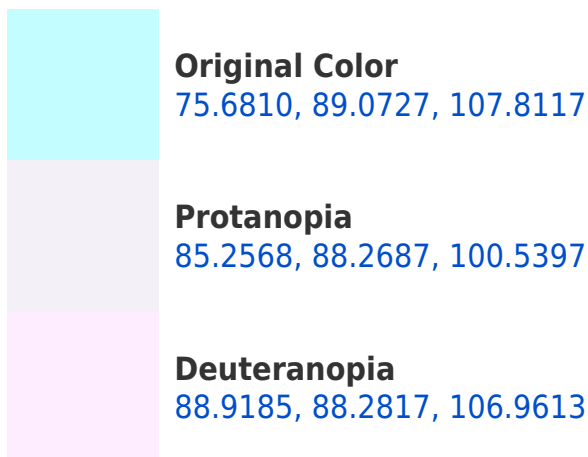


This preview shows how white text looks on a background with the XYZ color 75.6810, 89.0727,

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





Tritanopia

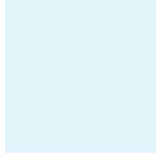
81.7462, 88.9788, 107.4739

Trichromacy



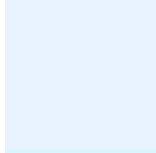
Original Color

75.6810, 89.0727, 107.8117



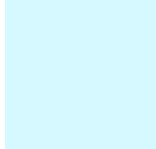
Protanomaly

81.2718, 88.3757, 103.2172



Deuteranomaly

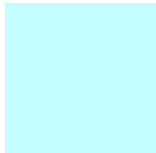
83.4064, 88.0479, 107.2067



Tritanomaly

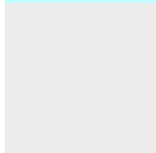
79.3663, 89.1175, 107.6261

Monochromacy



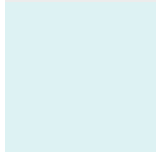
Original Color

75.6810, 89.0727, 107.8117



Achromatopsia

79.7278, 83.8799, 91.3452



Achromatomaly

77.7486, 85.3475, 97.1699

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.6810, 89.0727, 107.8117 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(195, 253, 255)` looks like.

```
.text, #text, p{  
    color:rgb(195, 253, 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(195, 253, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 253, 255) }
```

Border

The CSS property to change the border of an element to XYZ 75.6810, 89.0727, 107.8117 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(195, 253, 255) }
```


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

```
.border{ border-color:rgb(195, 253, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 253, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 253, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 253, 255);  
box-shadow:4px 4px 4px 4px rgb(195, 253,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 75.6810, 89.0727, 107.8117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 253, 255) }
```

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

```
.background{ background-color: rgb(195,  
253, 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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