

Converting Colors

XYZ(75.8369, 89.6415,
107.0714)

Have a look what the booklet for
XYZ(75.8369, 89.6415, 107.0714)
contains.

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Color

**XYZ(75.8369, 89.6415,
107.0714)**

Conversions

Conversions Part 1

Format	Color
Hex	C3FEFE
RGB	195, 254, 254
RGB Percent	76%, 100%, 100%
CMY	0.2353, 0.0039, 0.0039
CMYK	0.23, 0.00, 0.00, 0.00
HSL	180°, 97%, 88%
HSV	180°, 23%, 100%
XYZ	75.8369, 89.6415, 107.0714
YIQ	236.3590, -35.1640, -12.5080

Conversions

Conversions Part 2

Format	Color
R_{YB}	195, 225, 254
Decimal	12844798
CIE _{Lab}	95.85, -18.35, -6.04
CIE _{LCh}	96, 19.322, 198.226
Yxy	89.6415, 0.2782, 0.3289
Android (android.graphics.Color)	4291034878 (0xFFC3FEFE)
YUV	236.3590, 8.6970, -36.2718
Hunter-Lab	94.6792, -22.7122, -0.7748

Details

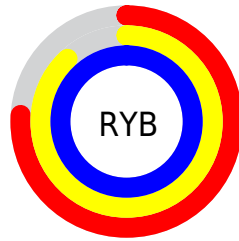
The XYZ color **75.8369, 89.6415, 107.0714** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **70.2417, 64.0438, 60.2930**, and the grayscale version is **79.9607, 84.1249, 91.6120**.

A 20% lighter version of the original color is **94.3180, 99.6226, 108.8657**, and **40.8595, 49.5392, 60.2318** is the 20% darker color. If you saturate the color by 10%, you get **69.8246, 86.5444, 106.7908**, and if you desaturate by 10%, it is **82.9708, 93.3214, 107.4083**.

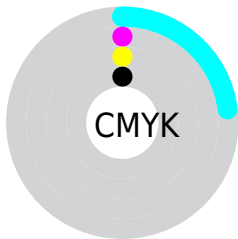
Distribution



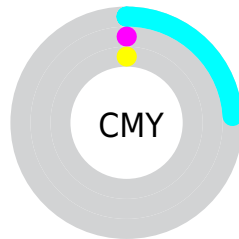
- Red (76%)
- Green (100%)
- Blue (100%)



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



- Cyan (23%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)





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

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.8369, 89.6415, 107.0714 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 75.8369, 89.6415, 107.0714 by changing the saturation by 10% instead.


 75.8369, 89.6415,
107.0714

 75.8369, 89.6415,
107.0714


469.7422,
526.8640, 604.0733

 56.5954, 67.6833,
81.5695


126.4779,
146.8403, 172.9778

 40.9193, 49.6402,
60.4770


158.6081,
182.8498, 214.2193

 28.4434, 35.1276,
43.3754


195.7652,
224.3118, 261.5445

 18.8024, 23.7612,
29.8462

238.3146,
271.6107, 315.3718

 11.6307, 15.1565,
19.4708

286.6217,
325.1311, 376.1198

 6.5632, 8.9293,
11.8307

341.0517,

 3.2343, 4.6951,

385.2571, 444.2070

6.5074

401.9701,
452.3733, 520.0520

■ 1.2789, 2.0695,
3.0822

■ 0.1673, 0.6474,
1.1368

■ 75.8369, 89.6415,
107.0714

■ 75.8369, 89.6415,
107.0714

■ 69.8246, 86.5444,
106.7908

■ 82.9708, 93.3214,
107.4083

■ 64.8695, 83.9900,
106.5577

■ 91.2708, 97.6002,
107.7980

■ 60.9129, 81.9503,
106.3714

■ 94.5737, 99.3029,
107.9537

■ 57.8871, 80.3904,
106.2286

■ 94.5740, 99.3030,
107.9549

■ 55.7159, 79.2712, 94.5742, 99.3031,
106.1258 107.9561

■ 54.3113, 78.5471, 94.5744, 99.3032,
106.0589 107.9573

■ 53.5662, 78.1630, 94.5746, 99.3033,
106.0228 107.9585

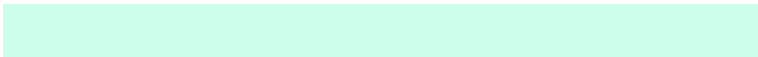
■ 53.3313, 78.0419, 94.5749, 99.3034,
106.0111 107.9596

94.5751, 99.3035,
107.9608

Harmonies

Analogous

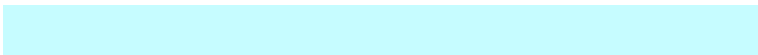
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.5611, 89.6415, 91.7394



75.8369, 89.6415, 107.0714



78.5575, 89.6415, 121.1607

Triad

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



75.8369, 89.6415, 107.0714



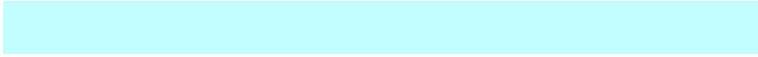
93.0723, 89.6415, 118.4834



87.3090, 89.6415, 71.6077

Complementary

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



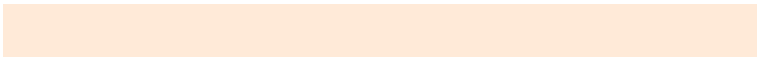
75.8369, 89.6415, 107.0714



70.2417, 64.0438, 60.2930

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.



92.2101, 89.6415, 77.3181



75.8369, 89.6415, 107.0714



95.6290, 89.6415, 103.7141

Square

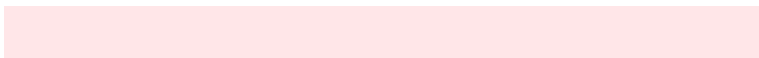
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.8369, 89.6415, 107.0714



88.4460, 89.6415, 128.2077



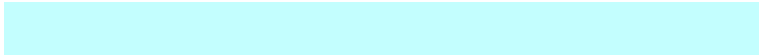
95.3070, 89.6415, 88.7125



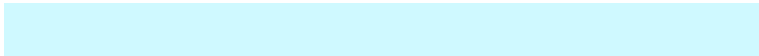
82.0374, 89.6415, 72.3053

Rectangle

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



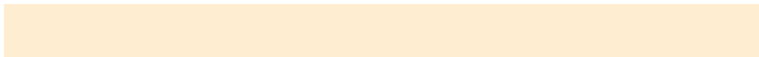
75.8369, 89.6415, 107.0714



81.4577, 89.6415, 127.4641



95.3070, 89.6415, 88.7125



89.0584, 89.6415, 72.8150

Sweetspot

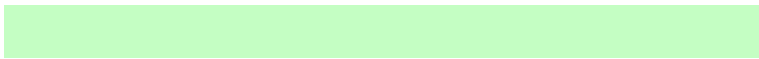
The Sweet Spot groups the original color and five complimentary colors.



75.8395, 89.6451, 107.0734



88.7850, 96.7703, 108.6060



68.0555, 86.5610, 64.7526



18.8940, 20.6563, 23.2410



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

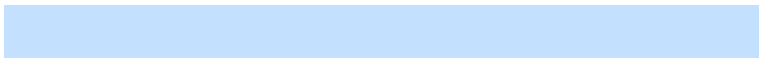
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.8395, 89.6451, 107.0734



73.4808, 88.8808, 107.8873



67.4538, 72.8729, 104.2808



18.5549, 20.4815, 23.2251



28.1157, 41.1429, 55.8880



2.7375, 4.0059, 5.4417

Inverse Universe

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



70.2417, 64.0438, 60.2930



66.9078, 58.8191, 52.9568



77.2525, 78.0660, 62.6282



18.0095, 17.9871, 18.6672



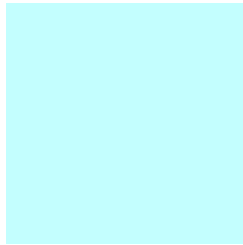
21.5488, 11.1088, 1.0088



2.0981, 1.0816, 0.0983

Previews

White Background



This preview shows how the XYZ color 75.8369, 89.6415, 107.0714 looks on a white background.

Color Contrast Check

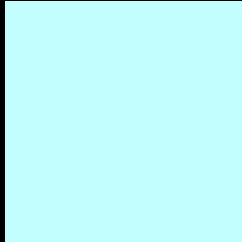
Large Text (above 18pt) WCAG AA × Fail

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 75.8369, 89.6415, 107.0714 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

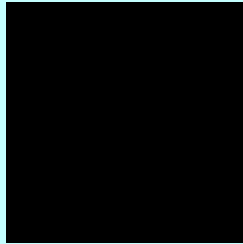
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

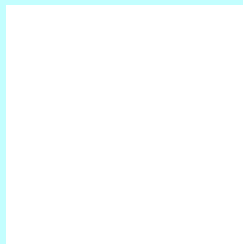
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.8369, 89.6415, 107.0714

Background



This preview shows how black text looks on a background with the XYZ color 75.8369, 89.6415, 107.0714.

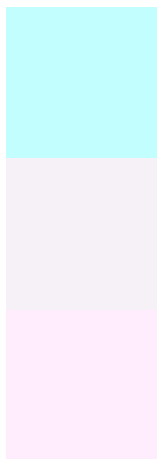


This preview shows how white text looks on a background with the XYZ color 75.8369, 89.6415,

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

75.8369, 89.6415, 107.0714

Protanopia

85.7460, 88.9769, 99.8437

Deuteranopia

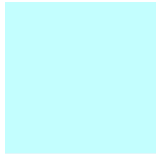
89.4136, 88.9841, 106.2290



Tritanopia

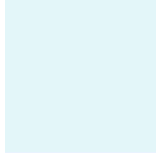
82.0571, 89.1391, 107.4884

Trichromacy



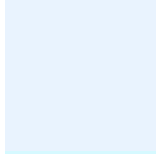
Original Color

75.8369, 89.6415, 107.0714



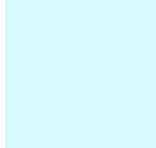
Protanomaly

81.7332, 89.0820, 102.5093



Deuteranomaly

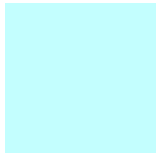
83.5443, 88.5806, 106.4604



Tritanomaly

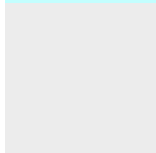
79.6572, 89.2675, 107.6397

Monochromacy



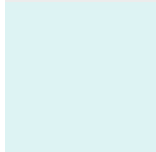
Original Color

75.8369, 89.6415, 107.0714



Achromatopsia

79.7278, 83.8799, 91.3452



Achromatomaly

78.0470, 85.9444, 97.2694

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.8369, 89.6415, 107.0714 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, 254, 254)` looks like.

```
.text, #text, p{  
    color:rgb(195, 254, 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(195, 254, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 254, 254) }
```

Border

The CSS property to change the border of an element to XYZ 75.8369, 89.6415, 107.0714 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, 254, 254) }
```


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

```
.border{ border-color:rgb(195, 254, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 254, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 254, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 254, 254);  
box-shadow:4px 4px 4px 4px rgb(195, 254,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 75.8369, 89.6415, 107.0714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 254, 254) }
```

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

```
.background{ background-color: rgb(195,  
254, 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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