

Converting Colors

XYZ(79.3446, 90.7336,
107.9392)

Have a look what the booklet for
XYZ(79.3446, 90.7336, 107.9392)
contains.

XYZ(79.4698, 91.0259, 107.9890)	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(79.4698, 91.0259,
107.9890)**

Conversions

Conversions Part 1

Format	Color
Hex	D1FDFF
RGB	209, 253, 255
RGB Percent	82%, 99%, 100%
CMY	0.1804, 0.0078, 0.0000
CMYK	0.18, 0.01, 0.00, 0.00
HSL	183°, 100%, 91%
HSV	183°, 18%, 100%
XYZ	79.4698, 91.0259, 107.9890
YIQ	240.0720, -26.8660, -8.7060

Conversions

Conversions Part 2

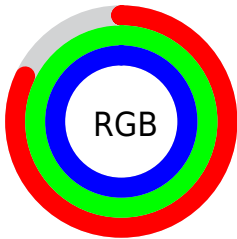
Format	Color
R _{YB}	209, 231, 255
Decimal	13762047
CIE _{Lab}	96.42, -13.53, -5.62
CIE _{LCh}	96, 14.653, 202.562
Y _{xy}	91.0259, 0.2854, 0.3269
Android (android.graphics.Color)	4291952127 (0xFFD1FDFF)
Y _{UV}	240.0720, 7.3595, -27.2501
Hunter-Lab	95.4075, -18.2813, -0.3234

Details

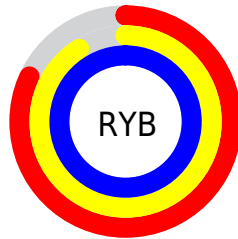
The XYZ color **79.4698, 91.0259, 107.9890** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.0426, 72.4508, 70.2999**, and the grayscale version is **82.8421, 87.1564, 94.9133**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.2594, 50.4271, 60.8795** is the 20% darker color. If you saturate the color by 10%, you get **72.4770, 86.9066, 107.5625**, and if you desaturate by 10%, it is **87.6240, 95.7518, 108.4714**.

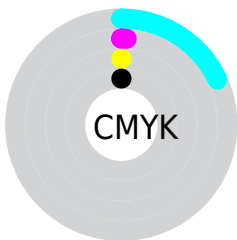
Distribution



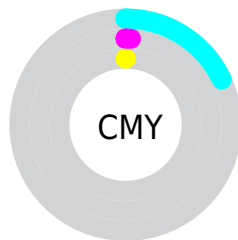
- Red (82%)
- Green (99%)
- Blue (100%)



- Red (82%)
- Yellow (91%)
- Blue (100%)



- Cyan (18%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (1%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.4698, 91.0259, 107.9890 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 79.4698, 91.0259, 107.9890 by changing the saturation by 10% instead.


 79.4698, 91.0259,
107.9890

 79.4698, 91.0259,
107.9890


481.9080,
531.3624, 606.9777

 59.5891, 68.8318,
82.3351


131.5745,
148.7626, 174.2406

 43.3357, 50.5748,
61.1043


164.5292,
185.0740, 215.6754

 30.3443, 35.8703,
43.8783


202.5726,
226.8600, 263.2076

 20.2494, 24.3340,
30.2383

246.0701,
274.5050, 317.2556

 12.6858, 15.5816,
19.7660

295.3871,
328.3933, 378.2381

 7.2880, 9.2286,
12.0427

350.8888,

 3.6908, 4.8906,

388.9094, 446.5736

6.6498

412.9407,
456.4376, 522.6806

■ 1.5287, 2.1832,
3.1690

■ 0.3453, 0.7108,
1.1816

■ 79.4698, 91.0259,
107.9890

■ 79.4698, 91.0259,
107.9890

■ 72.4770, 86.9066,
107.5625

■ 87.6240, 95.7518,
108.4714

■ 66.5838, 83.3547,
107.1875

95.0500, 100.0000,
108.9000

■ 61.7331, 80.3433,
106.8619

■ 57.8602, 77.8390,
106.5826

■ 54.8930, 75.8045,
106.3463

■ 52.7494, 74.1976,
106.1491

■ 51.3325, 72.9683,
105.9865

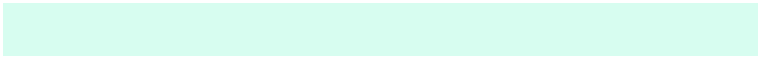
■ 50.5109, 72.0489,
105.8524

■ 50.3830, 71.8860,
105.8277

Harmonies

Analogous

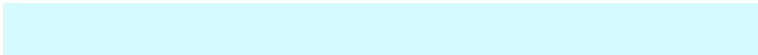
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.9656, 91.0259, 96.2303



79.4698, 91.0259, 107.9890



81.8333, 91.0259, 118.0528

Triad

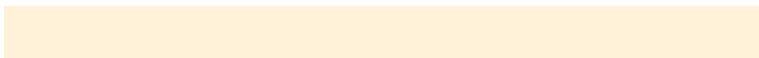
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.4698, 91.0259, 107.9890



92.9003, 91.0259, 113.4140



87.5374, 91.0259, 78.4515

Complementary

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



79.4698, 91.0259, 107.9890



76.0426, 72.4508, 70.2999

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.



91.3769, 91.0259, 82.3135



79.4698, 91.0259, 107.9890



94.5359, 91.0259, 102.0501

Square

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



79.4698, 91.0259, 107.9890



89.5640, 91.0259, 121.3527



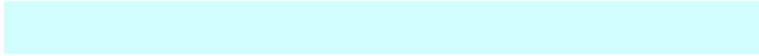
93.9698, 91.0259, 90.7348



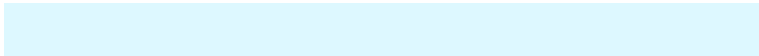
83.5407, 91.0259, 79.7692

Rectangle

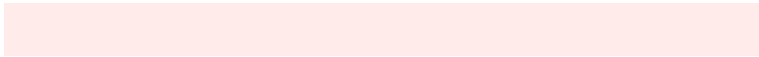
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.4698, 91.0259, 107.9890



84.1866, 91.0259, 122.1411



93.9698, 91.0259, 90.7348



88.8908, 91.0259, 79.1759

Sweetspot

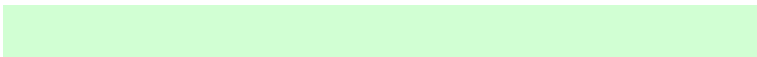
The Sweet Spot groups the original color and five complimentary colors.



79.4722, 91.0295, 107.9896



90.3377, 97.3092, 108.6290



73.7550, 89.7556, 74.7607



19.1995, 20.7500, 23.2432



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

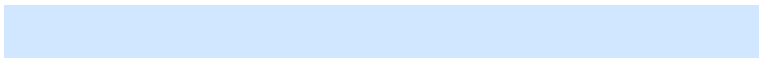
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.4722, 91.0295, 107.9896



76.5654, 89.3259, 107.8139



72.7725, 77.6302, 105.7563



18.4834, 20.3384, 23.2015



26.3559, 37.6214, 55.3071



2.5863, 3.7032, 5.3918

Inverse Universe

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



81.7716, 73.9544, 102.8976



79.3011, 69.1251, 101.7302



82.0394, 84.4445, 72.2988



18.7566, 18.2860, 22.6016



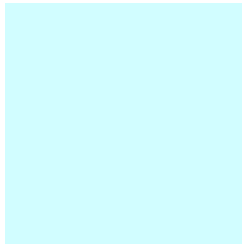
30.0914, 14.5259, 45.9935



2.9400, 1.4184, 4.5316

Previews

White Background



This preview shows how the XYZ color 79.4698, 91.0259, 107.9890 looks on a white background.

Color Contrast Check

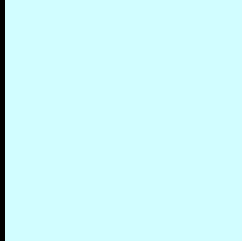
Large Text (above 18pt) WCAG AA × Fail

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 79.4698, 91.0259, 107.9890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

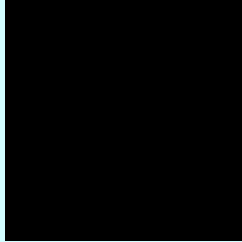
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.4698, 91.0259, 107.9890

Background



This preview shows how black text looks on a background with the XYZ color 79.4698, 91.0259, 107.9890.



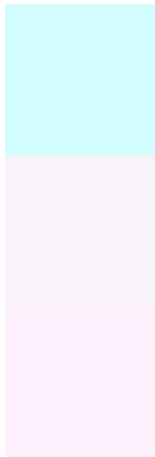
This preview shows how white text looks on a background with the XYZ color 79.4698, 91.0259,

107.9890.

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

79.4698, 91.0259, 107.9890

Protanopia

87.5072, 90.7149, 102.5201

Deuteranopia

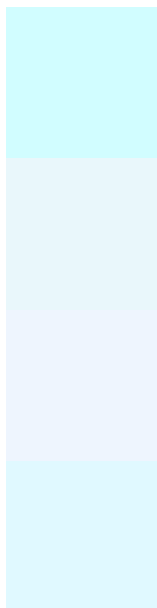
90.1297, 90.6720, 105.6796



Tritanopia

84.5895, 90.8973, 107.6943

Trichromacy



Original Color

79.4698, 91.0259, 107.9890

Protanomaly

84.2776, 90.8102, 104.3530

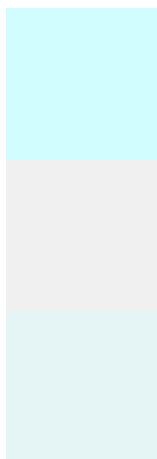
Deuteranomaly

85.8017, 90.6377, 106.7385

Tritanomaly

82.6662, 90.8187, 107.7805

Monochromacy



Original Color

79.4698, 91.0259, 107.9890

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

81.4469, 88.5554, 99.1864

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.4698, 91.0259, 107.9890 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(209, 253, 255)` looks like.

```
.text, #text, p{  
    color:rgb(209, 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(209, 253, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 253, 255) }
```

Border

The CSS property to change the border of an element to XYZ 79.4698, 91.0259, 107.9890 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(209, 253, 255) }
```


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

```
.border{ border-color:rgb(209, 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(209, 253, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 253, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 253, 255);  
box-shadow:4px 4px 4px 4px rgb(209, 253,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 79.4698, 91.0259, 107.9890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 253, 255) }
```

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

```
.background{ background-color: rgb(209,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor