

# Converting Colors

XYZ(79.7855, 92.1677,  
106.5201)

Have a look what the booklet for  
XYZ(79.7855, 92.1677, 106.5201)  
contains.

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# **Color**

**XYZ(79.7841, 92.1672,  
106.5135)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D1FFFD
RGB	209, 255, 253
RGB Percent	82%, 100%, 99%
CMY	0.1804, 0.0000, 0.0078
CMYK	0.18, 0.00, 0.01, 0.00
HSL	177°, 100%, 91%
HSV	177°, 18%, 100%
XYZ	79.7841, 92.1672, 106.5135
YIQ	241.0180, -26.7740, -10.3740

# Conversions

## Conversions Part 2

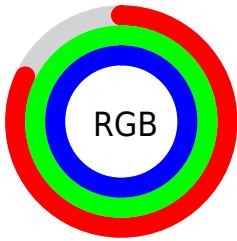
Format	Color
R <sub>Y</sub> B	209, 233, 255
Decimal	13762557
CIE Lab	96.89, -14.93, -3.90
CIE LCh	97, 15.430, 194.652
Yxy	92.1672, 0.2865, 0.3310
Android (android.graphics.Color)	4291952637 (0xFFD1FFFD)
YUV	241.0180, 5.9071, -28.0798
Hunter-Lab	96.0037, -19.6638, 1.4220

# Details

The XYZ color **79.7841, 92.1672, 106.5135** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **75.7990, 71.5653, 71.4468**, and the grayscale version is **83.5931, 87.9464, 95.7737**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.4843, 51.2437, 59.8237** is the 20% darker color. If you saturate the color by 10%, you get **72.9620, 88.6706, 105.2771**, and if you desaturate by 10%, it is **87.7638, 96.2604, 107.8124**.

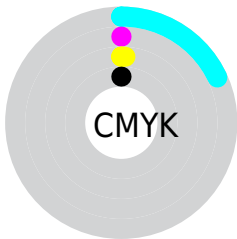
# Distribution



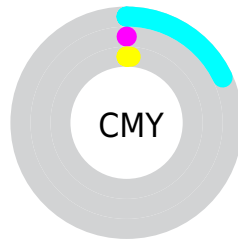
- Red (82%)
- Green (100%)
- Blue (99%)



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



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



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

# Brightness & Saturation Gradients

These gradients show how the XYZ color 79.7841, 92.1672, 106.5135 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 79.7841, 92.1672, 106.5135 by changing the saturation by 10% instead.



79.7841, 92.1672,  
106.5135

79.7841, 92.1672,  
106.5135

482.9526,  
535.0557, 602.3039

59.8486, 69.7795,  
81.1042

132.0143,  
150.3451, 172.2095

43.5456, 51.3468,  
60.0959

165.0396,  
186.9041, 213.3332

30.5098, 36.4847,  
43.0701

203.1589,  
228.9557, 260.5321

20.3758, 24.8088,  
29.6083

246.7376,  
276.8842, 314.2248

12.7784, 15.9346,  
19.2920

296.1409,  
331.0741, 374.8298

7.3521, 9.4779,  
11.7025

351.7343,

3.7315, 5.0542,

391.9097, 442.7656

6.4214

413.8830,  
459.7754, 518.4508

■ 1.5514, 2.2791,  
3.0300

■ 0.3604, 0.7626,  
1.1100

■ 79.7841, 92.1672,  
106.5135

■ 79.7841, 92.1672,  
106.5135

■ 72.9620, 88.6706,  
105.2771

■ 87.7638, 96.2604,  
107.8124

■ 67.2399, 85.7409,  
104.0960

95.0500, 100.0000,  
108.9000

■ 62.5594, 83.3481,  
102.9690

■ 58.8557, 81.4587,  
101.8930

■ 56.0566, 80.0356,  
100.8647

■ 54.0802, 79.0365,  
99.8802

■ 52.8294, 78.4113,  
98.9349

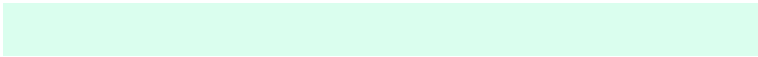
■ 52.1730, 78.0924,  
98.0228

■ 52.0774, 78.0469,  
97.8460

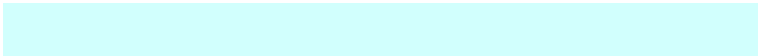
# Harmonies

## Analogous

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



79.8087, 92.1672, 94.1687



79.7841, 92.1672, 106.5135



81.8062, 92.1672, 118.0805

# Triad

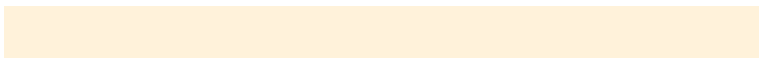
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.7841, 92.1672, 106.5135



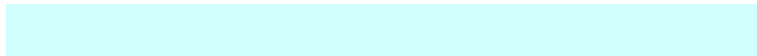
93.5907, 92.1672, 118.3093



89.8266, 92.1672, 79.0527

# Complementary

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



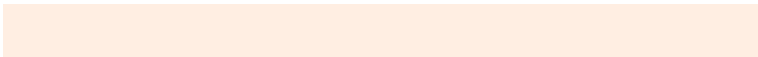
79.7841, 92.1672, 106.5135



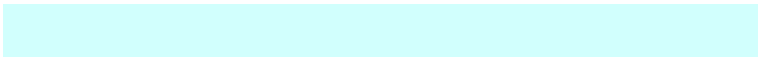
75.7990, 71.5653, 71.4468

# 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.



93.6656, 92.1672, 84.4975



79.7841, 92.1672, 106.5135



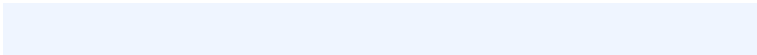
95.8871, 92.1672, 106.8053

# Square

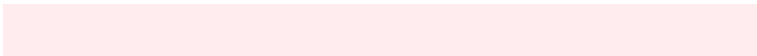
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



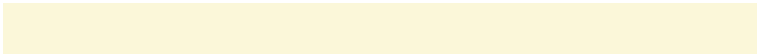
79.7841, 92.1672, 106.5135



89.7271, 92.1672, 125.2624



95.9150, 92.1672, 94.4375



85.5110, 92.1672, 78.9887

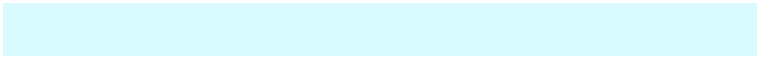


# Rectangle

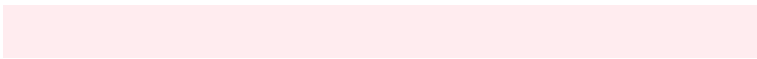
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



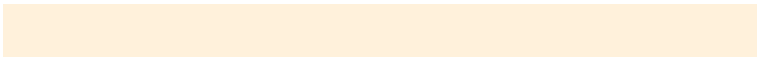
79.7841, 92.1672, 106.5135



84.0825, 92.1672, 123.5065



95.9150, 92.1672, 94.4375



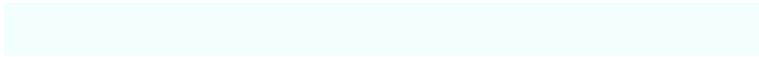
91.2187, 92.1672, 80.2931

# Sweetspot

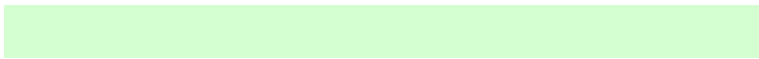
The Sweet Spot groups the original color and five complimentary colors.



79.7851, 92.1676, 106.5150



90.4248, 97.6259, 108.2187



74.2196, 90.0171, 73.7864



19.2208, 20.8273, 23.1430



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

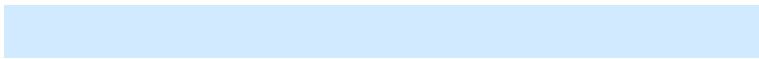
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.7851, 92.1676, 106.5150



76.9467, 90.7125, 106.0176



73.8538, 79.7929, 106.1168



18.5188, 20.4670, 23.0348



27.2266, 40.7872, 51.2057



2.6611, 3.9754, 5.0392



# Inverse Universe

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



75.7990, 71.5653, 71.4468



72.2227, 66.2938, 64.4559



80.9627, 82.2911, 71.9397



18.0414, 17.9999, 18.8349



21.5943, 11.1270, 1.2482

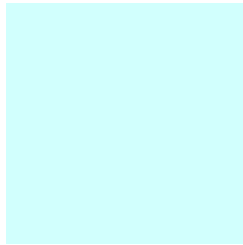


2.1133, 1.0877, 0.1781



# Previews

## White Background



This preview shows how the XYZ color 79.7841, 92.1672, 106.5135 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

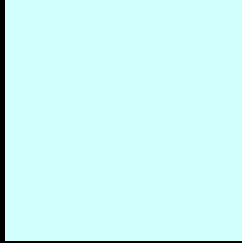
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 79.7841, 92.1672, 106.5135 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

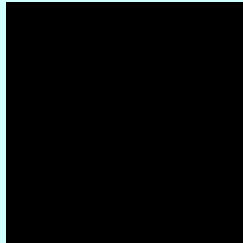
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

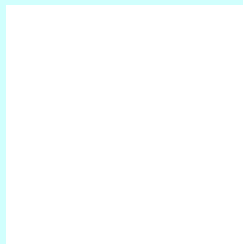
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 79.7841, 92.1672, 106.5135

## Background



This preview shows how black text looks on a background with the XYZ color 79.7841, 92.1672, 106.5135.



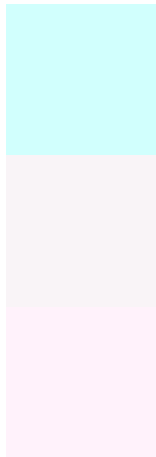
This preview shows how white text looks on a background with the XYZ color 79.7841, 92.1672,



# 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

79.7841, 92.1672, 106.5135

### Protanopia

88.2061, 91.5565, 101.0189

### Deuteranopia

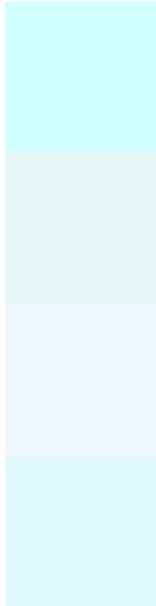
90.4047, 91.7293, 104.2075



## Tritanopia

85.8784, 92.0170, 107.8425

# Trichromacy



## Original Color

79.7841, 92.1672, 106.5135

## Protanomaly

84.5980, 91.4668, 102.8186

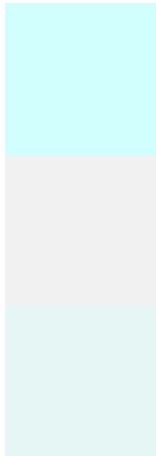
## Deuteranomaly

86.0913, 91.7269, 105.2630

## Tritanomaly

83.7506, 92.3189, 107.1711

# Monochromacy



## Original Color

79.7841, 92.1672, 106.5135

## Achromatopsia

83.6081, 87.9622, 95.7909

## Achromatomaly

81.7503, 89.1621, 99.2875

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 79.7841, 92.1672, 106.5135 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, 255, 253)` looks like.

```
.text, #text, p{  
    color:rgb(209, 255, 253)  
}
```

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, 255, 253) colored shadow looks like.

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

## Border

The CSS property to change the border of an element to XYZ 79.7841, 92.1672, 106.5135 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, 255, 253) }
```



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

```
.border{ border-color:rgb(209, 255, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 255, 253)` colored shadow looks like.

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

# Background

The CSS property to change the background color of an element to XYZ 79.7841, 92.1672, 106.5135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(209,  
255, 253) }
```

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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