

Converting Colors

XYZ(84.0560, 86.3171,
143.5497)

Have a look what the booklet for
XYZ(84.0560, 86.3171, 143.5497)
contains.

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Color

**XYZ(76.9408, 83.4001,
106.6504)**

Conversions

Conversions Part 1

Format	Color
Hex	D7EFFF
RGB	215, 239, 255
RGB Percent	84%, 94%, 100%
CMY	0.1569, 0.0627, 0.0000
CMYK	0.16, 0.06, 0.00, 0.00
HSL	204°, 100%, 92%
HSV	204°, 16%, 100%
XYZ	76.9408, 83.4001, 106.6504
YIQ	233.6480, -19.4400, -0.1120

Conversions

Conversions Part 2

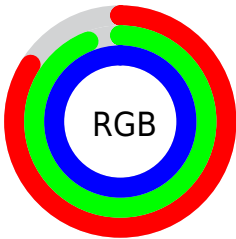
Format	Color
R _Y B	215, 230, 255
Decimal	14151679
CIE Lab	93.19, -4.65, -10.37
CIE LCh	93, 11.363, 245.821
Yxy	83.4001, 0.2882, 0.3124
Android (android.graphics.Color)	4292341759 (0xFFD7EFFF)
YUV	233.6480, 10.5265, -16.3543
Hunter-Lab	91.3237, -9.4289, -5.3140

Details

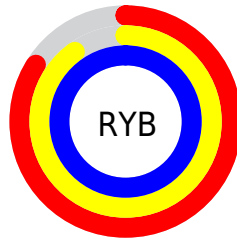
The XYZ color **76.9408, 83.4001, 106.6504** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **82.0811, 83.3166, 76.0470**, and the grayscale version is **77.8760, 81.9317, 89.2236**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.6237, 45.4178, 59.9988** is the 20% darker color. If you saturate the color by 10%, you get **67.1273, 74.0355, 105.3600**, and if you desaturate by 10%, it is **88.0942, 93.7099, 108.0525**.

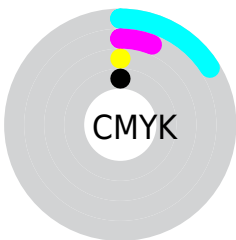
Distribution



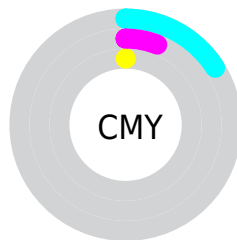
- Red (84%)
- Green (94%)
- Blue (100%)



- Red (84%)
- Yellow (90%)
- Blue (100%)



- Cyan (16%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (16%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.9408, 83.4001, 106.6504 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 76.9408, 83.4001, 106.6504 by changing the saturation by 10% instead.

■ 76.9408, 83.4001,
106.6504

■ 76.9408, 83.4001,
106.6504

473.4572,
506.3190, 602.7383

■ 57.5040, 62.5203,
81.2183

128.0292,
138.1357, 172.3980

■ 41.6518, 45.4532,
60.1894

160.4115,
172.7602, 213.5507

■ 29.0186, 31.8146,
43.1450

197.8398,
212.7352, 260.7806

■ 19.2393, 21.2199,
29.6667

240.6793,
258.4448, 314.5064

■ 11.9483, 13.2848,
19.3358

289.2955,
310.2737, 375.1465

■ 6.7804, 7.6250,
11.7339

344.0536,

■ 3.3703, 3.8559,

368.6060, 443.1195

6.4424

405.3191,
433.8263, 518.8439

■ 1.3525, 1.5933,
3.0428

■ 0.2220, 0.3531,
1.1165

■ 76.9408, 83.4001,
106.6504

■ 76.9408, 83.4001,
106.6504

■ 67.1273, 74.0355,
105.3600

■ 88.0942, 93.7099,
108.0525

■ 58.5904, 65.5729,
104.1765

95.0500, 100.0000,
108.9000

■ 51.2713, 57.9798,
103.0967

■ 45.1039, 51.2179,
102.1166

■ 40.0148, 45.2450,
101.2319

■ 35.9217, 40.0140,
100.4379

■ 32.7286, 35.4709,
99.7293

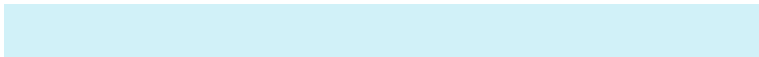
■ 30.3174, 31.5499,
99.0996

■ 29.4457, 30.0114,
98.8486

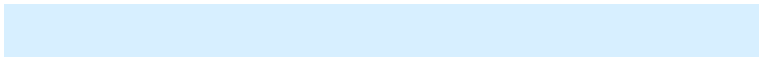
Harmonies

Analogous

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



74.7043, 83.4001, 100.7760



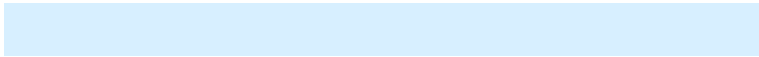
76.9408, 83.4001, 106.6504



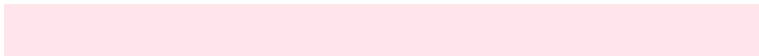
79.8530, 83.4001, 108.1690

Triad

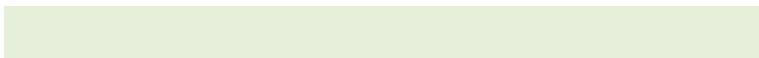
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.9408, 83.4001, 106.6504



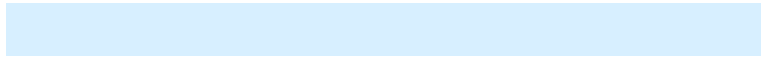
85.1195, 83.4001, 89.1511



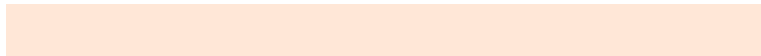
75.9563, 83.4001, 78.1174

Complementary

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



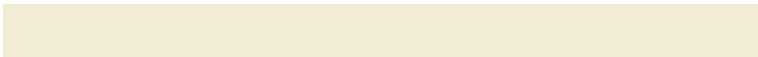
76.9408, 83.4001, 106.6504



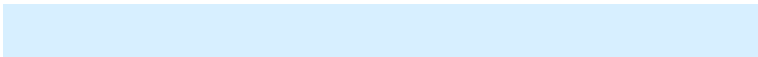
82.0811, 83.3166, 76.0470

Split Complementary

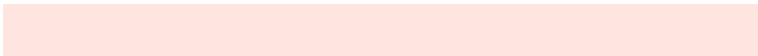
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.6884, 83.4001, 75.4127



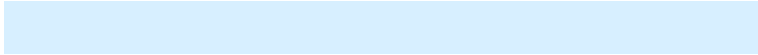
76.9408, 83.4001, 106.6504



84.0165, 83.4001, 81.5210

Square

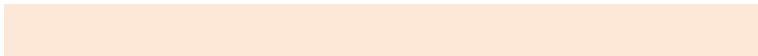
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.9408, 83.4001, 106.6504



84.6233, 83.4001, 97.7114



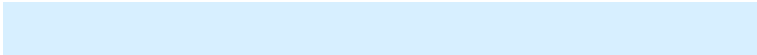
81.6443, 83.4001, 76.6186



74.1460, 83.4001, 84.2387

Rectangle

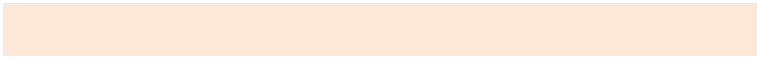
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.9408, 83.4001, 106.6504



81.7965, 83.4001, 106.4289



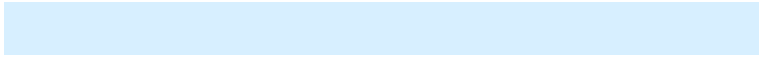
81.6443, 83.4001, 76.6186



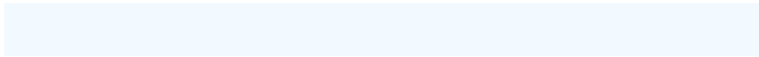
76.7947, 83.4001, 76.7966

Sweetspot

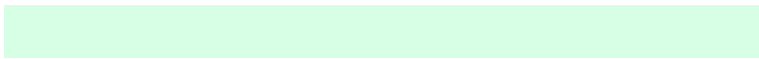
The Sweet Spot groups the original color and five complimentary colors.



76.9430, 83.4034, 106.6509



88.9088, 94.4514, 108.1527



78.1150, 91.6994, 88.6922



18.8514, 20.0538, 23.1271



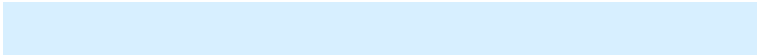
0.0000, 0.0000, 0.0000



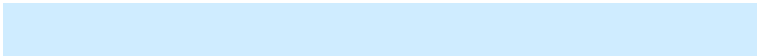
20.3446, 21.4041, 23.3091

Same Dimension

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



76.9430, 83.4034, 106.6509



73.5442, 80.1960, 106.2109



71.5813, 72.6800, 104.8637



17.9098, 19.1911, 23.0103



15.5361, 15.9818, 51.7005



1.6197, 1.7700, 5.0696

Inverse Universe

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



81.1218, 76.0943, 92.0775



78.5299, 71.7023, 88.7726



87.7954, 94.7451, 77.9518



18.4671, 18.1702, 21.0769



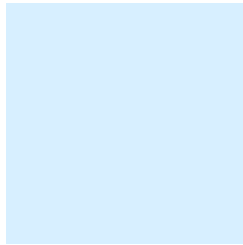
24.6301, 12.3413, 17.2345



2.4521, 1.2232, 1.9624

Previews

White Background



This preview shows how the XYZ color 76.9408, 83.4001, 106.6504 looks on a white background.

Color Contrast Check

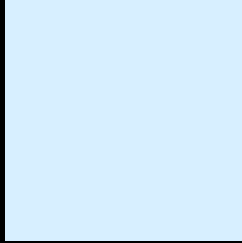
Large Text (above 18pt) WCAG AA × Fail

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 76.9408, 83.4001, 106.6504 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

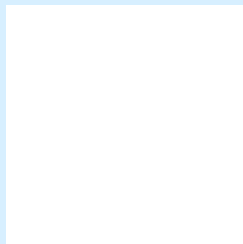
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.9408, 83.4001, 106.6504

Background



This preview shows how black text looks on a background with the XYZ color 76.9408, 83.4001, 106.6504.



This preview shows how white text looks on a background with the XYZ color 76.9408, 83.4001,

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

77.5380, 83.2745, 106.5946

Trichromacy



Original Color

76.9408, 83.4001, 106.6504

Protanomaly

79.4036, 83.4136, 104.8439

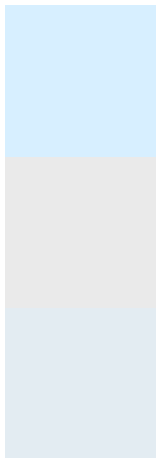
Deuteranomaly

81.4499, 83.1600, 106.3664

Tritanomaly

77.2398, 83.1208, 106.5807

Monochromacy



Original Color

76.9408, 83.4001, 106.6504

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

77.7010, 82.7326, 95.8781

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.9408, 83.4001, 106.6504 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(215, 239, 255)` looks like.

```
.text, #text, p{  
    color:rgb(215, 239, 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(215, 239, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 239, 255) }
```

Border

The CSS property to change the border of an element to XYZ 76.9408, 83.4001, 106.6504 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(215, 239, 255) }
```


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

```
.border{ border-color:rgb(215, 239, 255) }
```

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

Here you see how a box with a 4 pixel rgb(215, 239, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 239, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 239, 255);  
box-shadow:4px 4px 4px 4px rgb(215, 239,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 76.9408, 83.4001, 106.6504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 239, 255) }
```

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

```
.background{ background-color: rgb(215,  
239, 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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