

Converting Colors

XYZ(73.3950, 79.7706,
100.1929)

Have a look what the booklet for
XYZ(73.3950, 79.7706, 100.1929)
contains.

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Color

**XYZ(73.5156, 80.0429,
100.3821)**

Conversions

Conversions Part 1

Format	Color
Hex	D3EBF8
RGB	211, 235, 248
RGB Percent	83%, 92%, 97%
CMY	0.1725, 0.0784, 0.0274
CMYK	0.15, 0.05, 0.00, 0.03
HSL	201°, 73%, 90%
HSV	201°, 15%, 97%
XYZ	73.5156, 80.0429, 100.3821
YIQ	229.3060, -18.4770, -1.0450

Conversions

Conversions Part 2

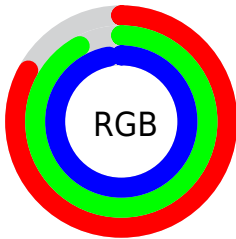
Format	Color
R _Y B	211, 226, 248
Decimal	13888504
CIE Lab	91.70, -5.27, -8.96
CIE LCh	92, 10.393, 239.516
Yxy	80.0429, 0.2895, 0.3152
Android (android.graphics.Color)	4292078584 (0xFFD3EBF8)
YUV	229.3060, 9.2161, -16.0544
Hunter-Lab	89.4667, -9.8916, -3.8970

Details

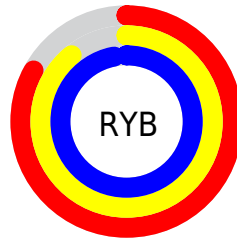
The XYZ color **73.5156, 80.0429, 100.3821** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **77.1255, 77.9707, 72.6145**, and the grayscale version is **74.6474, 78.5349, 85.5245**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.3448, 43.1139, 56.1173** is the 20% darker color. If you saturate the color by 10%, you get **64.5187, 71.7944, 99.2655**, and if you desaturate by 10%, it is **83.7355, 89.1074, 101.5943**.

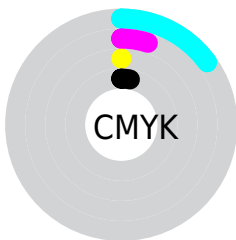
Distribution



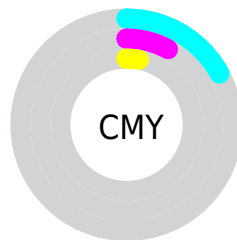
- Red (83%)
- Green (92%)
- Blue (97%)



- Red (83%)
- Yellow (89%)
- Blue (97%)



- Cyan (15%)
- Magenta (5%)
- Yellow (0%)
- Black (3%)



- Cyan (17%)
- Magenta (8%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.5156, 80.0429, 100.3821 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 73.5156, 80.0429, 100.3821 by changing the saturation by 10% instead.

■ 73.5156, 80.0429,
100.3821

■ 73.5156, 80.0429,
100.3821

461.8760,
495.0774, 582.6742

■ 54.6875, 59.7537,
76.0010

123.2081,
133.4260, 163.7386

■ 39.3845, 43.2201,
55.9267

154.8032,
167.2887, 203.5512

■ 27.2410, 30.0579,
39.7405

191.3848,
206.4447, 249.3446

■ 17.8918, 19.8825,
27.0241

233.3181,
251.2783, 301.5375

■ 10.9716, 12.3097,
17.3587

280.9685,
302.1740, 360.5483

■ 6.1149, 6.9549,
10.3259

334.7014,

■ 2.9564, 3.4339,

359.5162, 426.7957

5.5072

394.8821,
423.6892, 500.6981

■ 1.1307, 1.3623,
2.4839

■ 0.0506, 0.1887,
0.8316

■ 73.5156, 80.0429,
100.3821

■ 73.5156, 80.0429,
100.3821

■ 64.5187, 71.7944,
99.2655

■ 83.7355, 89.1074,
101.5943

■ 56.6858, 64.3227,
98.2361

■ 93.1285, 97.9273,
102.8017

■ 49.9637, 57.5998,
97.2927

■ 93.9435, 99.5574,
103.0734

■ 44.2916, 51.5916,
96.4320

■ 39.6028, 46.2611,
95.6502

■ 35.8220, 41.5665,
94.9434

■ 32.8619, 37.4601,
94.3067

■ 30.6155, 33.8836,
93.7348

■ 29.6688, 32.2279,
93.4651

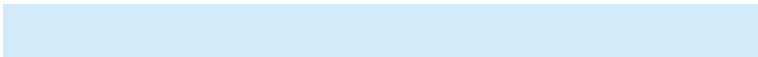
Harmonies

Analogous

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



71.7179, 80.0429, 94.5633



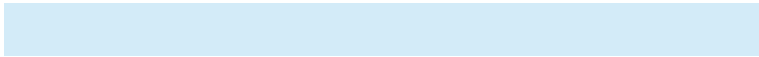
73.5156, 80.0429, 100.3821



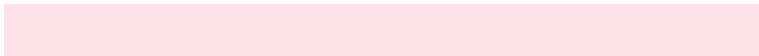
76.0352, 80.0429, 102.6206

Triad

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



73.5156, 80.0429, 100.3821



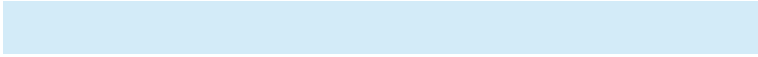
81.3031, 80.0429, 87.2767



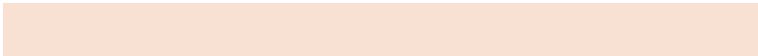
73.5887, 80.0429, 75.0288

Complementary

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



73.5156, 80.0429, 100.3821



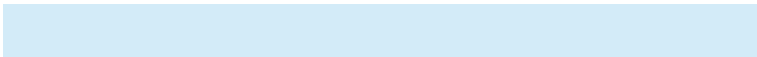
77.1255, 77.9707, 72.6145

Split Complementary

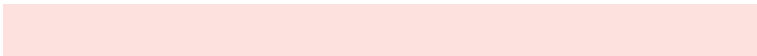
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.1215, 80.0429, 73.3236



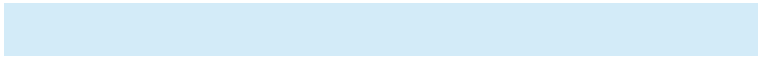
73.5156, 80.0429, 100.3821



80.6121, 80.0429, 80.1405

Square

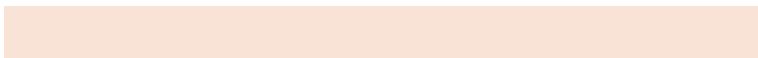
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.5156, 80.0429, 100.3821



80.5673, 80.0429, 94.7895



78.7000, 80.0429, 75.1406



71.7594, 80.0429, 79.9383

Rectangle

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



73.5156, 80.0429, 100.3821



77.7982, 80.0429, 101.6865



78.7000, 80.0429, 75.1406



74.3841, 80.0429, 74.0750

Sweetspot

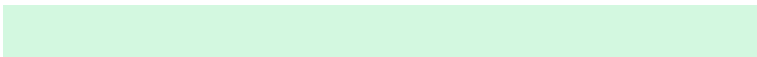
The Sweet Spot groups the original color and five complimentary colors.



73.5180, 80.0462, 100.3839



90.2641, 95.8518, 108.3516



73.8806, 86.3642, 83.2630



19.1328, 20.3527, 23.1700



0.0000, 0.0000, 0.0000



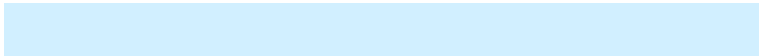
20.3446, 21.4041, 23.3091

Same Dimension

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



73.5180, 80.0462, 100.3839



75.2033, 82.4509, 106.5587



68.5058, 70.0218, 98.7132



17.2228, 18.5223, 22.0527



16.1636, 17.6827, 50.5347



1.5965, 1.8367, 4.7135

Inverse Universe

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



77.0029, 72.5449, 88.5452



79.6268, 73.1347, 91.4857



82.3569, 88.4335, 74.3583



17.7190, 17.4149, 20.3758



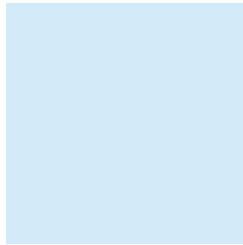
24.4506, 12.1960, 19.6133



2.3148, 1.1496, 2.0810

Previews

White Background



This preview shows how the XYZ color 73.5156, 80.0429, 100.3821 looks on a white background.

Color Contrast Check

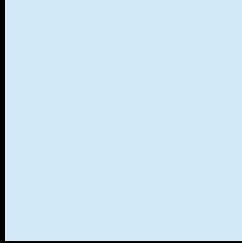
Large Text (above 18pt) WCAG AA × Fail

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 73.5156, 80.0429, 100.3821 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

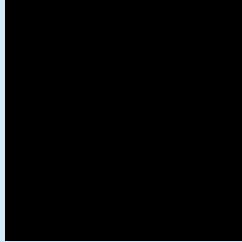
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

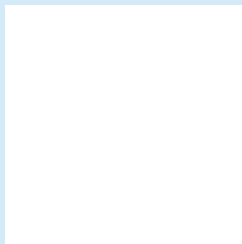
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.5156, 80.0429, 100.3821

Background



This preview shows how black text looks on a background with the XYZ color 73.5156, 80.0429, 100.3821.

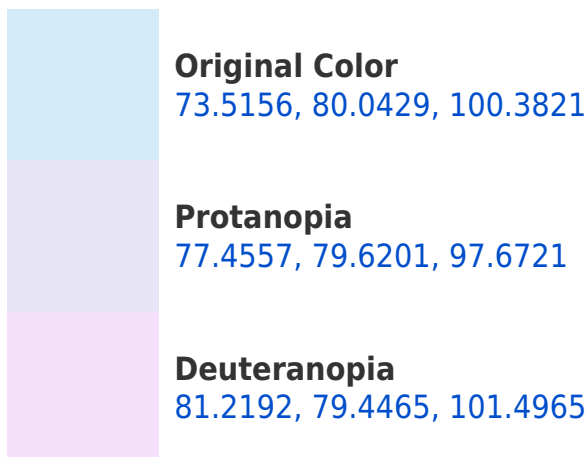


This preview shows how white text looks on a background with the XYZ color 73.5156, 80.0429,

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

74.3038, 79.9345, 104.4412

Trichromacy



Original Color

73.5156, 80.0429, 100.3821

Protanomaly

75.9509, 79.6529, 98.5603

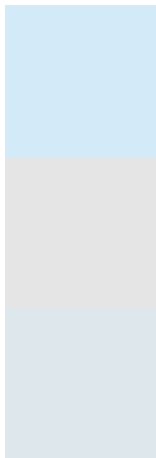
Deuteranomaly

78.1210, 79.4822, 100.8467

Tritanomaly

73.9868, 79.8077, 102.7717

Monochromacy



Original Color

73.5156, 80.0429, 100.3821

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

73.8404, 78.7376, 90.6629

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.5156, 80.0429, 100.3821 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(211, 235, 248)` looks like.

```
.text, #text, p{  
    color:rgb(211, 235, 248)  
}
```

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(211, 235, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 235, 248) }
```

Border

The CSS property to change the border of an element to XYZ 73.5156, 80.0429, 100.3821 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(211, 235, 248) }
```


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

```
.border{ border-color:rgb(211, 235, 248) }
```

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

Here you see how a box with a 4 pixel rgb(211, 235, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 235, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 235, 248);  
box-shadow:4px 4px 4px 4px rgb(211, 235,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 73.5156, 80.0429, 100.3821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 235, 248) }
```

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

```
.background{ background-color: rgb(211,  
235, 248) }
```

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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