

Converting Colors

XYZ(76.0193, 85.7219,
100.5350)

Have a look what the booklet for
XYZ(76.0193, 85.7219, 100.5350)
contains.

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Color

**XYZ(76.0193, 85.7219,
100.5350)**

Conversions

Conversions Part 1

Format	Color
Hex	D2F5F7
RGB	210, 245, 247
RGB Percent	82%, 96%, 97%
CMY	0.1765, 0.0392, 0.0314
CMYK	0.15, 0.01, 0.00, 0.03
HSL	183°, 70%, 90%
HSV	183°, 15%, 97%
XYZ	76.0193, 85.7219, 100.5350
YIQ	234.7630, -21.5020, -6.7980

Conversions

Conversions Part 2

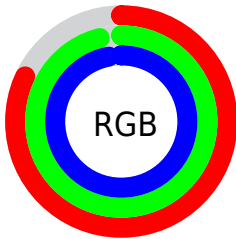
Format	Color
R _Y B	210, 228, 247
Decimal	13825527
CIE Lab	94.19, -10.85, -4.76
CIE LCh	94, 11.849, 203.705
Yxy	85.7219, 0.2898, 0.3268
Android (android.graphics.Color)	4292015607 (0xFFD2F5F7)
YUV	234.7630, 6.0328, -21.7172
Hunter-Lab	92.5861, -15.4655, 0.4300

Details

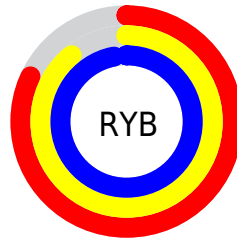
The XYZ color **76.0193, 85.7219, 100.5350** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **73.5348, 71.5142, 70.9023**, and the grayscale version is **78.7548, 82.8562, 90.2304**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.1191, 47.1253, 56.2191** is the 20% darker color. If you saturate the color by 10%, you get **69.1215, 81.5718, 100.0989**, and if you desaturate by 10%, it is **84.0103, 90.4444, 101.0267**.

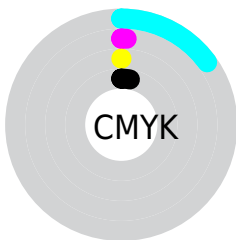
Distribution



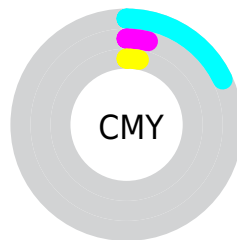
- Red (82%)
- Green (96%)
- Blue (97%)



- Red (82%)
- Yellow (89%)
- Blue (97%)



- Cyan (15%)
- Magenta (1%)
- Yellow (0%)
- Black (3%)



- Cyan (18%)
- Magenta (4%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.0193, 85.7219, 100.5350 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 76.0193, 85.7219, 100.5350 by changing the saturation by 10% instead.

76.0193, 85.7219,
100.5350

76.0193, 85.7219,
100.5350

470.3571,
514.0138, 583.1679

56.7454, 64.4380,
76.1280

126.7344,
141.3813, 163.9505

41.0402, 47.0055,
56.0302

158.9064,
176.5257, 203.7961

28.5383, 33.0400,
39.8230

196.1084,
217.0590, 249.6250

18.8744, 22.1571,
27.0878

238.7058,
263.3657, 301.8557

11.6830, 13.9724,
17.4062

287.0641,
315.8301, 360.9069

6.5989, 8.1015,
10.3595

341.5485,

3.2566, 4.1599,

374.8367, 427.1969

5.5292

402.5244,
440.7698, 501.1444

■ 1.2909, 1.7634,
2.4969

■ 0.1764, 0.4642,
0.8385

■ 76.0193, 85.7219,
100.5350

■ 76.0193, 85.7219,
100.5350

■ 69.1215, 81.5718,
100.0989

■ 84.0103, 90.4444,
101.0267

■ 63.2599, 77.9579,
99.7103

■ 91.4950, 94.9081,
101.4938

■ 58.3835, 74.8561,
99.3686

■ 91.9056, 95.7291,
101.6307

■ 54.4339, 72.2364,
99.0711

■ 92.3190, 96.5560,
101.7685

■ 51.3468, 70.0657,
98.8148

■ 92.7354, 97.3888,
101.9073

■ 49.0495, 68.3064,
98.5963

■ 93.1547, 98.2274,
102.0470

■ 47.4574, 66.9148,
98.4116

■ 93.5770, 99.0719,
102.1878

■ 46.4665, 65.8375,
98.2559

■ 93.7888, 99.4955,
102.2584

■ 46.1187, 65.3753,
98.1850

Harmonies

Analogous

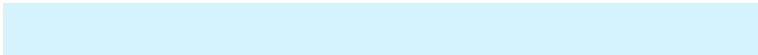
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.5641, 85.7219, 91.4348



76.0193, 85.7219, 100.5350



77.9196, 85.7219, 108.1314

Triad

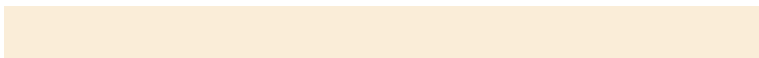
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.0193, 85.7219, 100.5350



86.4903, 85.7219, 104.0605



82.1465, 85.7219, 77.0319

Complementary

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



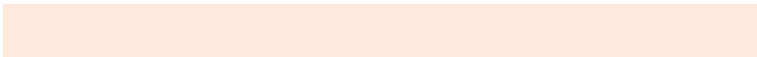
76.0193, 85.7219, 100.5350



73.5348, 71.5142, 70.9023

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.



85.1392, 85.7219, 79.9568



76.0193, 85.7219, 100.5350



87.6887, 85.7219, 95.2646

Square

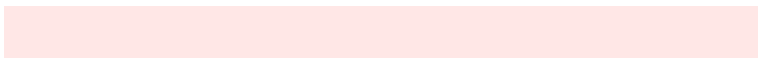
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.0193, 85.7219, 100.5350



83.9523, 85.7219, 110.2574



87.1880, 85.7219, 86.4902



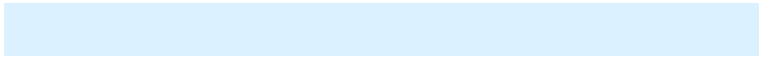
79.0491, 85.7219, 78.2420

Rectangle

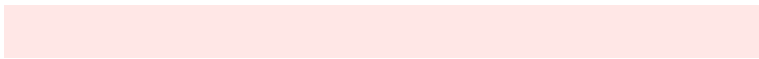
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



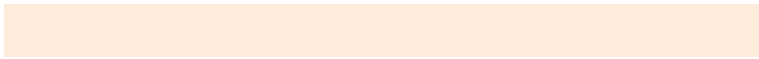
76.0193, 85.7219, 100.5350



79.7771, 85.7219, 111.1223



87.1880, 85.7219, 86.4902



83.1991, 85.7219, 77.5577

Sweetspot

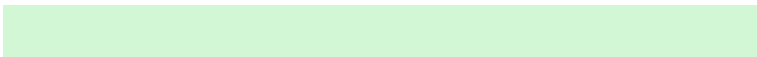
The Sweet Spot groups the original color and five complimentary colors.



76.0218, 85.7255, 100.5369



91.2211, 97.7659, 108.6706



71.7054, 84.9706, 74.8115



19.3757, 20.8384, 23.2510



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

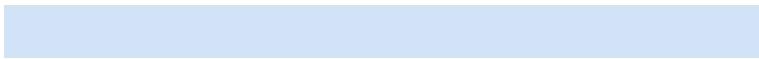
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.0218, 85.7255, 100.5369



79.3477, 90.7398, 107.9402



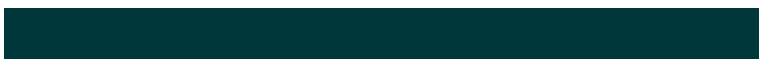
70.7418, 75.1656, 98.7769



16.9156, 18.5955, 21.2403



24.4249, 34.6435, 51.9376



2.1697, 3.0909, 4.5725

Inverse Universe

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



77.8878, 72.4618, 96.2717



81.7188, 73.9715, 102.5017



78.3864, 81.2175, 72.5195



17.1727, 16.7519, 20.6562



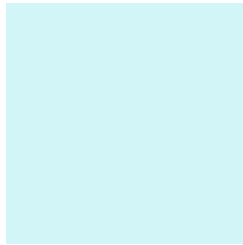
28.1331, 13.5967, 42.2706



2.4842, 1.1997, 3.7763

Previews

White Background



This preview shows how the XYZ color 76.0193, 85.7219, 100.5350 looks on a white background.

Color Contrast Check

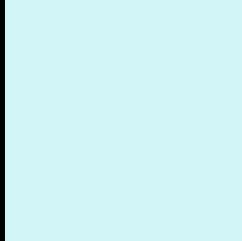
Large Text (above 18pt) WCAG AA × Fail

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 76.0193, 85.7219, 100.5350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

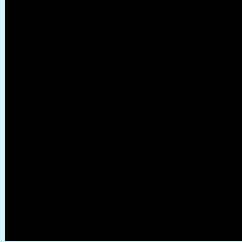
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

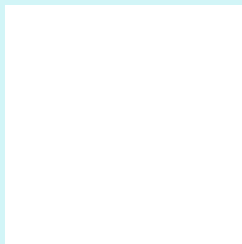
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.0193, 85.7219, 100.5350

Background



This preview shows how black text looks on a background with the XYZ color 76.0193, 85.7219, 100.5350.



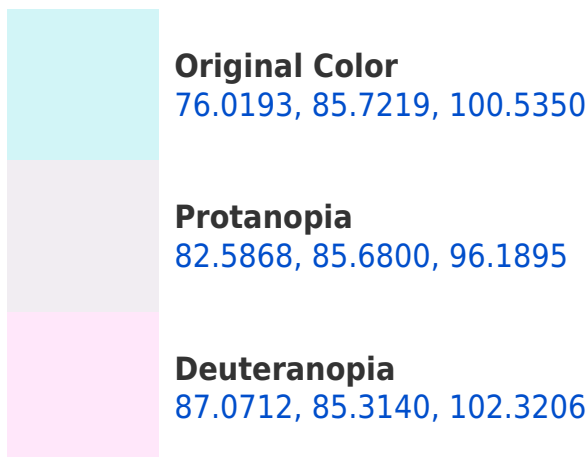
This preview shows how white text looks on a background with the XYZ color 76.0193, 85.7219,

100.5350.

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

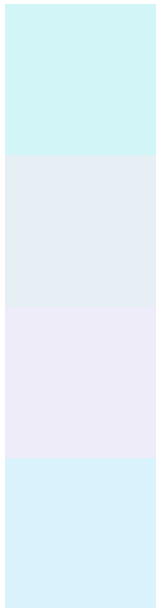




Tritanopia

79.3241, 85.5027, 106.9306

Trichromacy



Original Color

76.0193, 85.7219, 100.5350

Protanomaly

80.1223, 85.6748, 97.9019

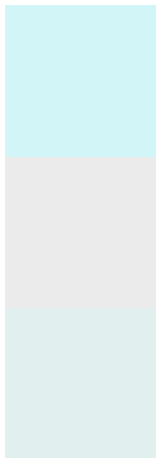
Deuteranomaly

82.6909, 85.1812, 101.7059

Tritanomaly

77.9381, 85.2843, 104.4492

Monochromacy



Original Color

76.0193, 85.7219, 100.5350

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

77.8105, 84.1337, 93.7997

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.0193, 85.7219, 100.5350 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(210, 245, 247)` looks like.

```
.text, #text, p{  
    color:rgb(210, 245, 247)  
}
```

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(210, 245, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 245, 247) }
```

Border

The CSS property to change the border of an element to XYZ 76.0193, 85.7219, 100.5350 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(210, 245, 247) }
```


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

```
.border{ border-color:rgb(210, 245, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 245, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(210, 245, 247); -webkit-box-shadow:4px 4px 4px 4px rgb(210, 245, 247); box-shadow:4px 4px 4px 4px rgb(210, 245, 247) }
```

Background

The CSS property to change the background color of an element to XYZ 76.0193, 85.7219, 100.5350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 245, 247) }
```

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

```
.background{ background-color: rgb(210,  
245, 247) }
```

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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