

Converting Colors

XYZ(74.3381, 81.2062, 99.1391)

Have a look what the booklet for
XYZ(74.3381, 81.2062, 99.1391)
contains.

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Color

**XYZ(74.3593, 81.3683,
98.9753)**

Conversions

Conversions Part 1

Format	Color
Hex	D5EDF6
RGB	213, 237, 246
RGB Percent	84%, 93%, 96%
CMY	0.1647, 0.0706, 0.0353
CMYK	0.13, 0.04, 0.00, 0.04
HSL	196°, 65%, 90%
HSV	196°, 13%, 96%
XYZ	74.3593, 81.3683, 98.9753
YIQ	230.8500, -17.1930, -2.2890

Conversions

Conversions Part 2

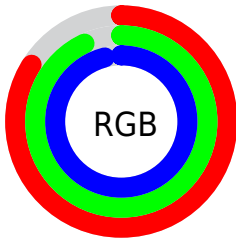
Format	Color
R _Y B	213, 227, 246
Decimal	14020086
CIE Lab	92.30, -6.07, -7.02
CIE LCh	92, 9.284, 229.158
Yxy	81.3683, 0.2919, 0.3195
Android (android.graphics.Color)	4292210166 (0xFFD5EDF6)
YUV	230.8500, 7.4690, -15.6544
Hunter-Lab	90.2044, -10.7125, -1.9119

Details

The XYZ color **74.3593, 81.3683, 98.9753** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.1381, 76.6393, 73.7322**, and the grayscale version is **75.8014, 79.7490, 86.8467**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.9187, 44.0346, 55.1108** is the 20% darker color. If you saturate the color by 10%, you get **65.8530, 74.1562, 98.0329**, and if you desaturate by 10%, it is **84.0254, 89.2904, 99.9962**.

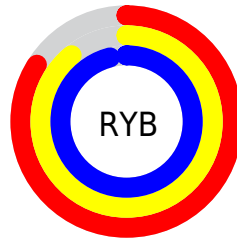
Distribution



Red (84%)

Green (93%)

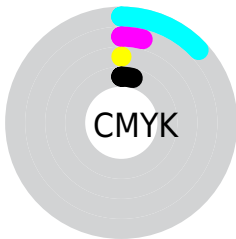
Blue (96%)



Red (84%)

Yellow (89%)

Blue (96%)

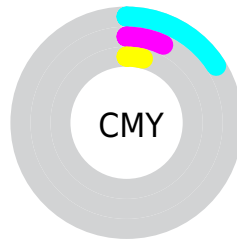


Cyan (13%)

Magenta (4%)

Yellow (0%)

Black (4%)



Cyan (16%)

Magenta (7%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.3593, 81.3683, 98.9753 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 74.3593, 81.3683, 98.9753 by changing the saturation by 10% instead.

■ 74.3593, 81.3683,
98.9753

■ 74.3593, 81.3683,
98.9753

464.7437,
499.5322, 578.1210

■ 55.3805, 60.8450,
74.8329

124.3978,
135.2878, 161.7879

■ 39.9415, 44.1001,
54.9751

156.1882,
169.4527, 201.2952

■ 27.6769, 30.7492,
38.9833

192.9798,
208.9337, 246.7612

■ 18.2215, 20.4079,
26.4390

235.1379,
254.1150, 298.6044

■ 11.2098, 12.6919,
16.9237

283.0281,
305.3812, 357.2435

■ 6.2764, 7.2167,
10.0187

337.0155,

■ 3.0561, 3.5980,

363.1165, 423.0969

5.3056

397.4656,
427.7054, 496.5832

■ 1.1835, 1.4513,
2.3658

■ 0.0933, 0.2541,
0.7677

■ 74.3593, 81.3683,
98.9753

■ 74.3593, 81.3683,
98.9753

■ 65.8530, 74.1562,
98.0329

■ 84.0254, 89.2904,
99.9962

■ 58.4498, 67.6174,
97.1609

■ 92.1906, 96.5455,
100.9663

■ 52.0992, 61.7267,
96.3586

■ 93.6348, 99.4339,
101.4477

■ 46.7434, 56.4530,
95.6230

■ 42.3188, 51.7625,
94.9508

■ 38.7543, 47.6172,
94.3386

■ 35.9674, 43.9733,
93.7821

■ 33.8580, 40.7779,
93.2765

■ 32.7418, 38.8679,
92.9667

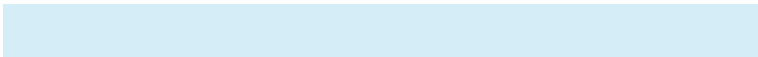
Harmonies

Analogous

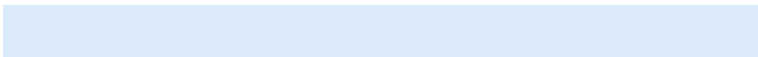
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.0604, 81.3683, 93.0046



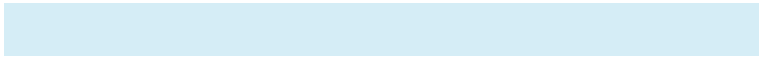
74.3593, 81.3683, 98.9753



76.4733, 81.3683, 102.2207

Triad

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



74.3593, 81.3683, 98.9753



81.9596, 81.3683, 91.1056



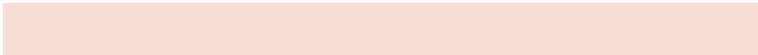
75.8336, 81.3683, 76.6892

Complementary

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



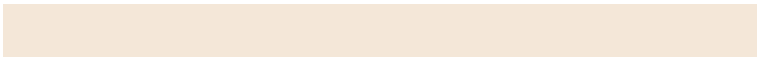
74.3593, 81.3683, 98.9753



76.1381, 76.6393, 73.7322

Split Complementary

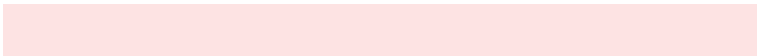
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.2094, 81.3683, 76.2396



74.3593, 81.3683, 98.9753



81.7797, 81.3683, 84.3295

Square

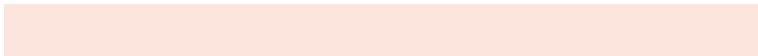
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



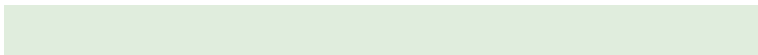
74.3593, 81.3683, 98.9753



80.8820, 81.3683, 97.5234



80.3955, 81.3683, 78.9694



73.8993, 81.3683, 80.2312

Rectangle

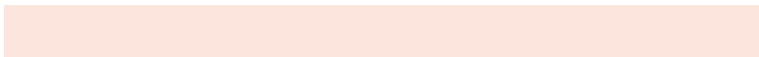
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



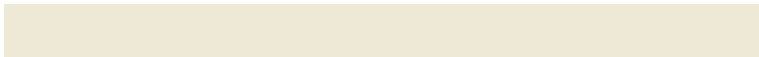
74.3593, 81.3683, 98.9753



78.0749, 81.3683, 102.2950



80.3955, 81.3683, 78.9694



76.6060, 81.3683, 76.1786

Sweetspot

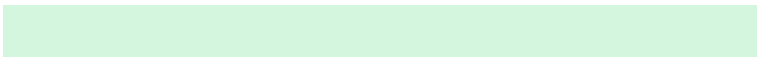
The Sweet Spot groups the original color and five complimentary colors.



74.3617, 81.3717, 98.9771



90.5157, 96.3551, 108.4354



73.5558, 85.3223, 81.5603



19.1966, 20.4803, 23.1913



0.0000, 0.0000, 0.0000



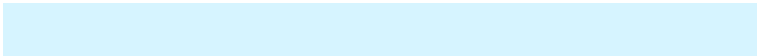
20.3446, 21.4041, 23.3091

Same Dimension

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



74.3617, 81.3717, 98.9771



78.1536, 86.1735, 107.1218



69.8539, 72.3561, 97.4745



16.5924, 17.9490, 21.1326



17.5988, 20.9914, 49.6622



1.6319, 2.0153, 4.3932

Inverse Universe

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



77.0882, 73.2975, 90.2095



81.6476, 75.9786, 95.8519



80.6796, 85.7223, 75.2461



17.0096, 16.6867, 19.7970



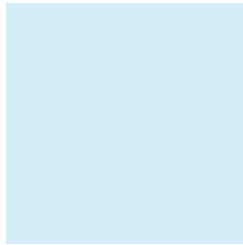
24.6876, 12.2185, 24.1269



2.2128, 1.0911, 2.3469

Previews

White Background



This preview shows how the XYZ color 74.3593, 81.3683, 98.9753 looks on a white background.

Color Contrast Check

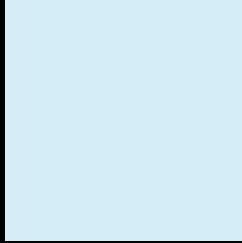
Large Text (above 18pt) WCAG AA × Fail

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 74.3593, 81.3683, 98.9753 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

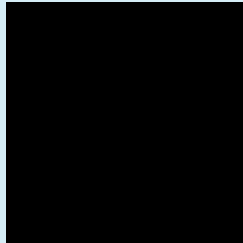
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.3593, 81.3683, 98.9753

Background



This preview shows how black text looks on a background with the XYZ color 74.3593, 81.3683, 98.9753.

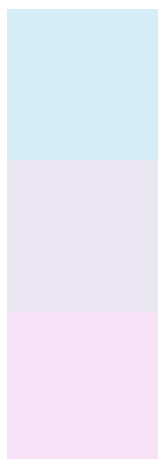


This preview shows how white text looks on a background with the XYZ color 74.3593, 81.3683,

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

74.3593, 81.3683, 98.9753

Protanopia

78.6853, 81.1153, 96.3037

Deuteranopia

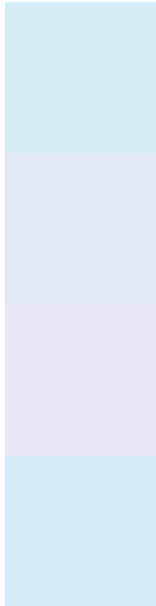
82.8510, 81.1265, 100.0992



Tritanopia

75.9092, 81.5937, 105.5143

Trichromacy



Original Color

74.3593, 81.3683, 98.9753

Protanomaly

76.8321, 80.9782, 97.1688

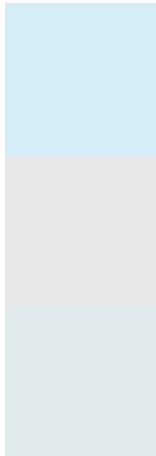
Deuteranomaly

79.3463, 80.9712, 99.4427

Tritanomaly

75.1396, 81.2521, 102.9897

Monochromacy



Original Color

74.3593, 81.3683, 98.9753

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.0197, 80.1812, 90.8794

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.3593, 81.3683, 98.9753 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(213, 237, 246)` looks like.

```
.text, #text, p{  
    color:rgb(213, 237, 246)  
}
```

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(213, 237, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 237, 246) }
```

Border

The CSS property to change the border of an element to XYZ 74.3593, 81.3683, 98.9753 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(213, 237, 246) }
```


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

```
.border{ border-color:rgb(213, 237, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 237, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 237, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 237, 246);  
box-shadow:4px 4px 4px 4px rgb(213, 237,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 74.3593, 81.3683, 98.9753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 237, 246) }
```

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

```
.background{ background-color: rgb(213,  
237, 246) }
```

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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