

Converting Colors

XYZ(73.9399, 78.2754,
105.8194)

Have a look what the booklet for
XYZ(73.9399, 78.2754, 105.8194)
contains.

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Color

**XYZ(74.0665, 78.5180,
105.8595)**

Conversions

Conversions Part 1

Format	Color
Hex	D5E7FF
RGB	213, 231, 255
RGB Percent	84%, 91%, 100%
CMY	0.1647, 0.0941, 0.0000
CMYK	0.16, 0.09, 0.00, 0.00
HSL	214°, 100%, 92%
HSV	214°, 16%, 100%
XYZ	74.0665, 78.5180, 105.8595
YIQ	228.3540, -18.4320, 3.6480

Conversions

Conversions Part 2

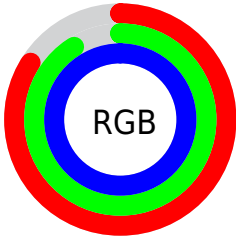
Format	Color
R _Y B	213, 226, 255
Decimal	14018559
CIE Lab	91.02, -1.16, -13.62
CIE LCh	91, 13.671, 265.125
Yxy	78.5180, 0.2866, 0.3038
Android (android.graphics.Color)	4292208639 (0xFFD5E7FF)
YUV	228.3540, 13.1365, -13.4655
Hunter-Lab	88.6104, -5.8659, -8.8043

Details

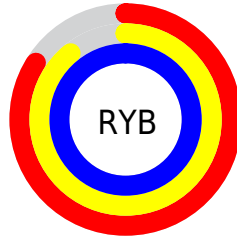
The XYZ color **74.0665, 78.5180, 105.8595** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **83.5340, 86.6311, 75.2712**, and the grayscale version is **73.9202, 77.7698, 84.6914**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8189, 42.3970, 59.5108** is the 20% darker color. If you saturate the color by 10%, you get **63.3343, 67.1836, 104.2374**, and if you desaturate by 10%, it is **86.3053, 91.1371, 107.6502**.

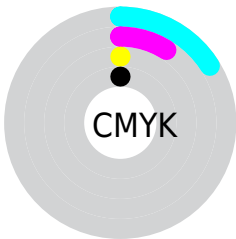
Distribution



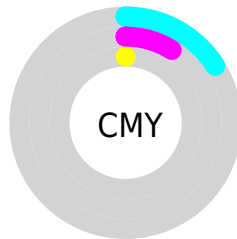
- Red (84%)
- Green (91%)
- Blue (100%)



- Red (84%)
- Yellow (89%)
- Blue (100%)



- Cyan (16%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (16%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.0665, 78.5180, 105.8595 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 74.0665, 78.5180, 105.8595 by changing the saturation by 10% instead.

■ 74.0665, 78.5180,
105.8595

■ 74.0665, 78.5180,
105.8595

463.7496,
489.9242, 600.2262

■ 55.1399, 58.4996,
80.5589

123.9851,
131.2801, 171.3083

■ 39.7481, 42.2104,
59.6495

155.7078,
164.7926, 212.2936

■ 27.5255, 29.2661,
42.7128

192.4266,
203.5718, 259.3442

■ 18.1069, 19.2822,
29.3301

234.5069,
248.0023, 312.8787

■ 11.1269, 11.8744,
19.0829

282.3140,
298.4684, 373.3156

■ 6.2202, 6.6582,
11.5528

336.2132,

■ 3.0214, 3.2493,

355.3545, 441.0735

6.3211

396.5700,
419.0450, 516.5708

■ 1.1651, 1.2632,
2.9694

■ 0.0785, 0.1125,
1.0790

■ 74.0665, 78.5180,
105.8595

■ 74.0665, 78.5180,
105.8595

■ 63.3343, 67.1836,
104.2374

■ 86.3053, 91.1371,
107.6502

■ 54.0400, 57.0801,
102.7771

95.0500, 100.0000,
108.9000

■ 46.1186, 48.1633,
101.4735

■ 39.4973, 40.3826,
100.3206

■ 34.0961, 33.6828,
99.3121

■ 29.8248, 28.0031,
98.4409

■ 26.5793, 23.2745,
97.6993

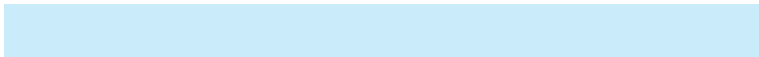
■ 24.2310, 19.4147,
97.0780

■ 23.5515, 18.2230,
96.8838

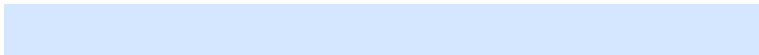
Harmonies

Analogous

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



70.8989, 78.5180, 102.0499



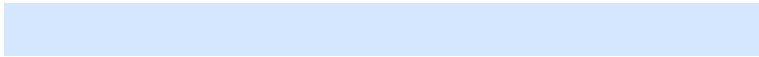
74.0665, 78.5180, 105.8595



77.4819, 78.5180, 103.8780

Triad

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



74.0665, 78.5180, 105.8595



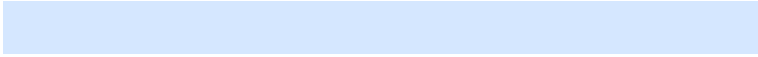
80.7992, 78.5180, 77.6753



69.3166, 78.5180, 75.0807

Complementary

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



74.0665, 78.5180, 105.8595



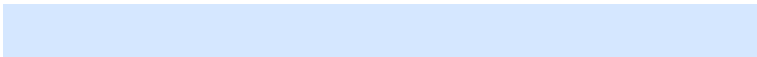
83.5340, 86.6311, 75.2712

Split Complementary

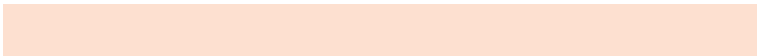
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.8470, 78.5180, 69.4158



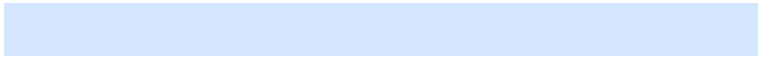
74.0665, 78.5180, 105.8595



78.4877, 78.5180, 70.8310

Square

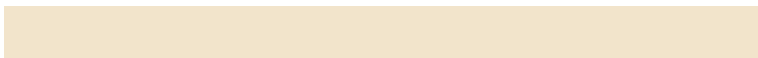
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.0665, 78.5180, 105.8595



81.4375, 78.5180, 87.1180



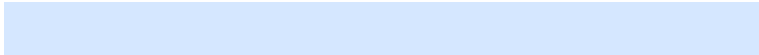
75.1943, 78.5180, 67.9217



68.2109, 78.5180, 83.8879

Rectangle

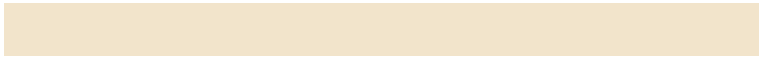
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.0665, 78.5180, 105.8595



79.4306, 78.5180, 99.6140



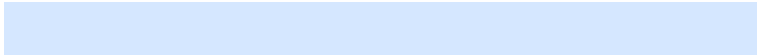
75.1943, 78.5180, 67.9217



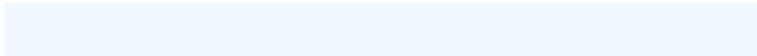
70.0249, 78.5180, 72.7734

Sweetspot

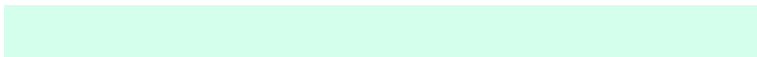
The Sweet Spot groups the original color and five complimentary colors.



74.0686, 78.5211, 105.8600



88.2338, 93.1014, 107.9277



78.4583, 91.7693, 93.5465



18.6874, 19.7257, 23.0725



0.0000, 0.0000, 0.0000



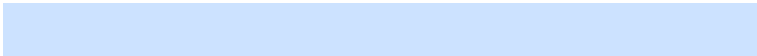
20.3446, 21.4041, 23.3091

Same Dimension

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



74.0686, 78.5211, 105.8600



70.1105, 74.3748, 105.2683



70.1054, 69.3786, 104.3042



17.6432, 18.6581, 22.9214



12.4473, 9.8043, 50.6710



1.3178, 1.1663, 4.9689

Inverse Universe

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



79.4594, 74.6196, 85.8201



76.5413, 69.9291, 81.3154



87.9880, 97.0571, 77.0489



18.3326, 18.1163, 20.3685



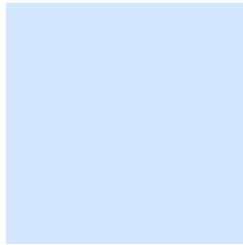
23.0710, 11.7177, 9.0245



2.2998, 1.1623, 1.1600

Previews

White Background



This preview shows how the XYZ color 74.0665, 78.5180, 105.8595 looks on a white background.

Color Contrast Check

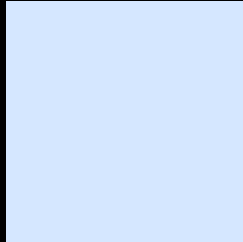
Large Text (above 18pt) WCAG AA × Fail

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 74.0665, 78.5180, 105.8595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

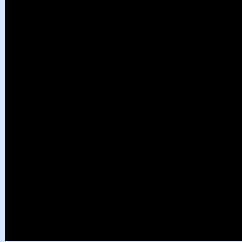
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

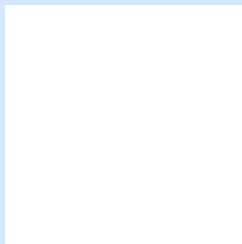
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.0665, 78.5180, 105.8595

Background



This preview shows how black text looks on a background with the XYZ color 74.0665, 78.5180, 105.8595.

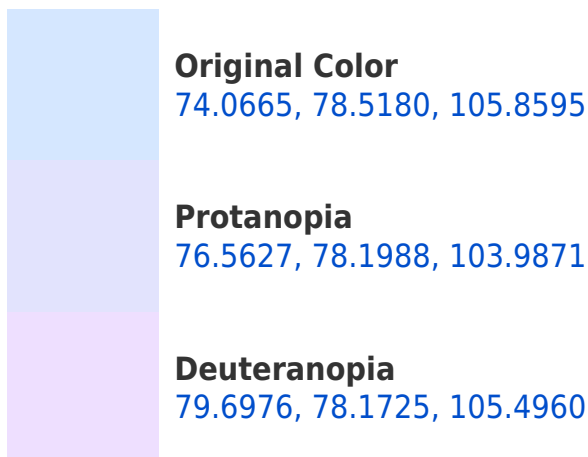


This preview shows how white text looks on a background with the XYZ color 74.0665, 78.5180,

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

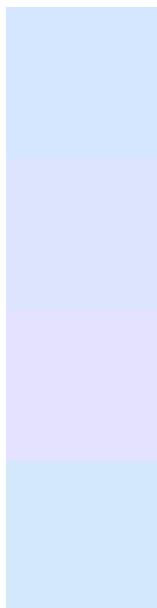




Tritanopia

73.2633, 78.6124, 101.7548

Trichromacy



Original Color

74.0665, 78.5180, 105.8595

Protanomaly

75.4516, 78.0147, 104.8476

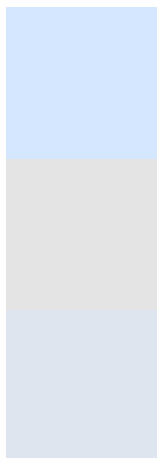
Deuteranomaly

77.5595, 78.2707, 105.6277

Tritanomaly

73.5787, 78.7385, 103.4155

Monochromacy



Original Color

74.0665, 78.5180, 105.8595

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.8834, 77.8996, 92.0310

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.0665, 78.5180, 105.8595 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, 231, 255)` looks like.

```
.text, #text, p{  
    color:rgb(213, 231, 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(213, 231, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 231, 255) }
```

Border

The CSS property to change the border of an element to XYZ 74.0665, 78.5180, 105.8595 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, 231, 255) }
```


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

```
.border{ border-color:rgb(213, 231, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 231, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 231, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 231, 255);  
box-shadow:4px 4px 4px 4px rgb(213, 231,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 74.0665, 78.5180, 105.8595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 231, 255) }
```

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

```
.background{ background-color: rgb(213,  
231, 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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