

Converting Colors

XYZ(74.2801, 78.4265,
105.8306)

Have a look what the booklet for
XYZ(74.2801, 78.4265, 105.8306)
contains.

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Color

**XYZ(74.3575, 78.6680,
105.8731)**

Conversions

Conversions Part 1

Format	Color
Hex	D6E7FF
RGB	214, 231, 255
RGB Percent	84%, 91%, 100%
CMY	0.1608, 0.0941, 0.0000
CMYK	0.16, 0.09, 0.00, 0.00
HSL	215°, 100%, 92%
HSV	215°, 16%, 100%
XYZ	74.3575, 78.6680, 105.8731
YIQ	228.6530, -17.8360, 3.8600

Conversions

Conversions Part 2

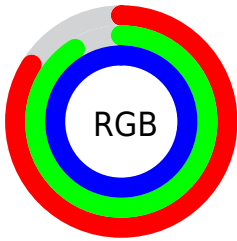
Format	Color
R _Y B	214, 226, 255
Decimal	14084095
CIE Lab	91.08, -0.85, -13.51
CIE LCh	91, 13.539, 266.385
Yxy	78.6680, 0.2872, 0.3039
Android (android.graphics.Color)	4292274175 (0xFFD6E7FF)
YUV	228.6530, 12.9891, -12.8507
Hunter-Lab	88.6950, -5.5706, -8.6866

Details

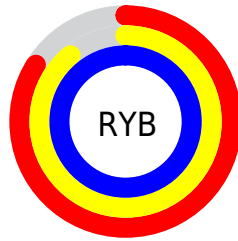
The XYZ color **74.3575, 78.6680, 105.8731** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.9518, 87.2628, 76.0387**, and the grayscale version is **74.1401, 78.0012, 84.9433**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0165, 42.4988, 59.5201** is the 20% darker color. If you saturate the color by 10%, you get **63.4895, 67.1282, 104.2185**, and if you desaturate by 10%, it is **86.7509, 91.5271, 107.7020**.

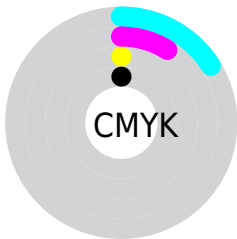
Distribution



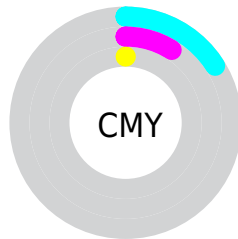
- Red (84%)
- Green (91%)
- Blue (100%)



- 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 74.3575, 78.6680, 105.8731 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 74.3575, 78.6680, 105.8731 by changing the saturation by 10% instead.

■ 74.3575, 78.6680,
105.8731

■ 74.3575, 78.6680,
105.8731

464.7376,
490.4325, 600.2695

■ 55.3790, 58.6229,
80.5703

124.3952,
131.4914, 171.3270

■ 39.9403, 42.3096,
59.6588

156.1852,
165.0384, 212.3152

■ 27.6760, 29.3438,
42.7202

192.9764,
203.8549, 259.3689

■ 18.2208, 19.3411,
29.3359

235.1341,
248.3252, 312.9067

■ 11.2093, 11.9170,
19.0873

283.0237,
298.8337, 373.3471

■ 6.2761, 6.6872,
11.5559

337.0106,

■ 3.0559, 3.2672,

355.7648, 441.1087

6.3232

397.4601,
419.5029, 516.6100

■ 1.1834, 1.2728,
2.9706

■ 0.0932, 0.1200,
1.0797

■ 74.3575, 78.6680,
105.8731

■ 74.3575, 78.6680,
105.8731

■ 63.4895, 67.1282,
104.2185

■ 86.7509, 91.5271,
107.7020

■ 54.0777, 56.8527,
102.7312

95.0500, 100.0000,
108.9000

■ 46.0567, 47.7962,
101.4059

■ 39.3533, 39.9066,
100.2363

■ 33.8868, 33.1276,
99.2160

■ 29.5670, 27.3970,
98.3375

■ 26.2894, 22.6444,
97.5929

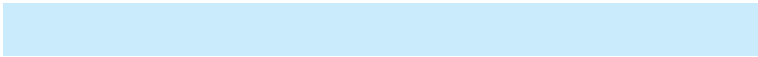
■ 23.9262, 18.7865,
96.9729

■ 23.1787, 17.4773,
96.7596

Harmonies

Analogous

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



71.1877, 78.6680, 102.3273



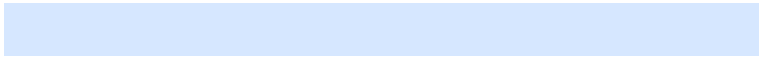
74.3575, 78.6680, 105.8731



77.7340, 78.6680, 103.6707

Triad

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



74.3575, 78.6680, 105.8731



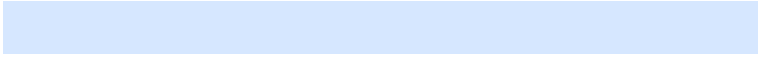
80.8223, 78.6680, 77.5514



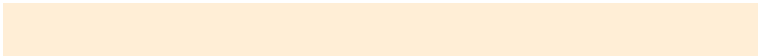
69.4247, 78.6680, 75.6415

Complementary

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



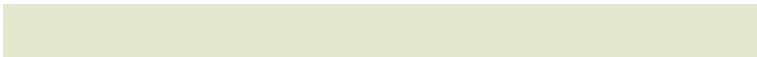
74.3575, 78.6680, 105.8731



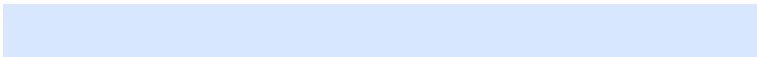
83.9518, 87.2628, 76.0387

Split Complementary

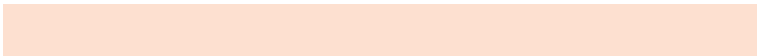
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.8854, 78.6680, 69.8594



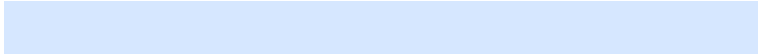
74.3575, 78.6680, 105.8731



78.4737, 78.6680, 70.9017

Square

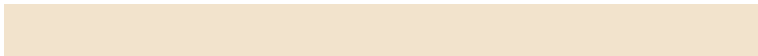
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.3575, 78.6680, 105.8731



81.5326, 78.6680, 86.8497



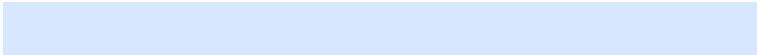
75.1872, 78.6680, 68.1920



68.3951, 78.6680, 84.4735

Rectangle

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



74.3575, 78.6680, 105.8731



79.6373, 78.6680, 99.3238



75.1872, 78.6680, 68.1920



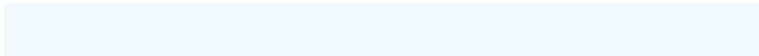
70.1082, 78.6680, 73.3035

Sweetspot

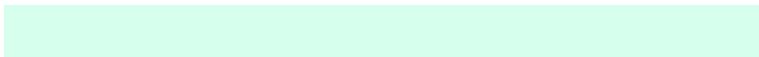
The Sweet Spot groups the original color and five complimentary colors.



74.3596, 78.6712, 105.8736



88.1793, 92.9924, 107.9095



78.9128, 91.9847, 94.4213



18.6741, 19.6993, 23.0681



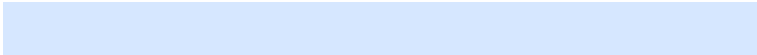
0.0000, 0.0000, 0.0000



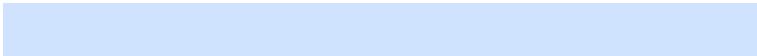
20.3446, 21.4041, 23.3091

Same Dimension

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



74.3596, 78.6712, 105.8736



71.0282, 75.1638, 105.3722



70.8372, 70.1304, 104.4107



17.6218, 18.6153, 22.9143



12.2503, 9.4101, 50.6053



1.2975, 1.1257, 4.9622

Inverse Universe

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



79.7117, 75.1242, 85.9042



77.2599, 71.1943, 82.0849



87.8921, 96.9929, 77.7092



18.3218, 18.1120, 20.3116



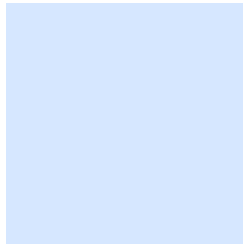
22.9716, 11.6779, 8.5007



2.2895, 1.1582, 1.1060

Previews

White Background



This preview shows how the XYZ color 74.3575, 78.6680, 105.8731 looks on a white background.

Color Contrast Check

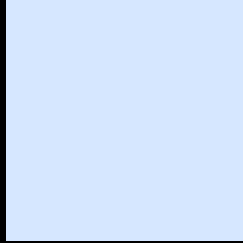
Large Text (above 18pt) WCAG AA × Fail

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 74.3575, 78.6680, 105.8731 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

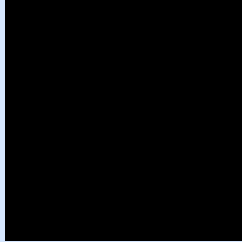
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

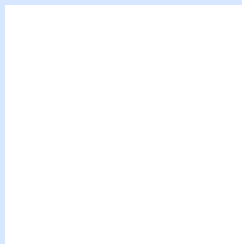
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.3575, 78.6680, 105.8731

Background



This preview shows how black text looks on a background with the XYZ color 74.3575, 78.6680, 105.8731.

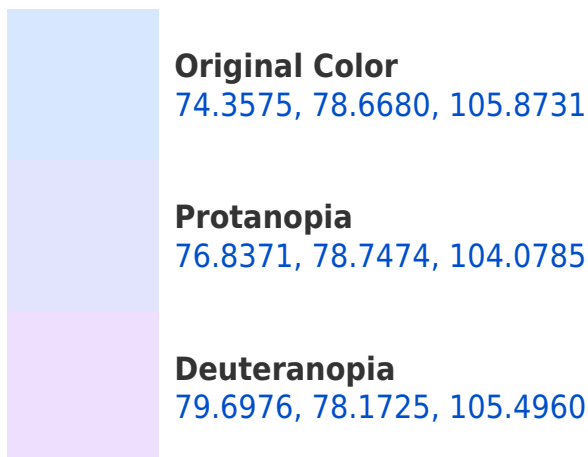


This preview shows how white text looks on a background with the XYZ color 74.3575, 78.6680,

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

73.5525, 78.7615, 101.7683

Trichromacy



Original Color

74.3575, 78.6680, 105.8731

Protanomaly

76.0329, 78.7240, 104.9538

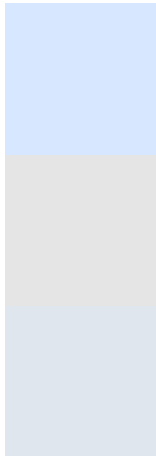
Deuteranomaly

77.5595, 78.2707, 105.6277

Tritanomaly

73.8679, 78.8876, 103.4290

Monochromacy



Original Color

74.3575, 78.6680, 105.8731

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.4699, 78.6140, 92.1379

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.3575, 78.6680, 105.8731 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(214, 231, 255)` looks like.

```
.text, #text, p{  
    color:rgb(214, 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(214, 231, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 231, 255) }
```

Border

The CSS property to change the border of an element to XYZ 74.3575, 78.6680, 105.8731 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(214, 231, 255) }
```


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

```
.border{ border-color:rgb(214, 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(214, 231, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 231, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 231, 255);  
box-shadow:4px 4px 4px 4px rgb(214, 231,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 74.3575, 78.6680, 105.8731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 231, 255) }
```

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

```
.background{ background-color: rgb(214,  
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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