

Converting Colors

XYZ(74.3712, 79.1781,
104.9184)

Have a look what the booklet for
XYZ(74.3712, 79.1781, 104.9184)
contains.

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Color

**XYZ(74.4776, 79.1651,
105.1209)**

Conversions

Conversions Part 1

Format	Color
Hex	D6E8FE
RGB	214, 232, 254
RGB Percent	84%, 91%, 100%
CMY	0.1608, 0.0902, 0.0039
CMYK	0.16, 0.09, 0.00, 0.00
HSL	213°, 95%, 92%
HSV	213°, 16%, 100%
XYZ	74.4776, 79.1651, 105.1209
YIQ	229.1260, -17.7900, 3.0260

Conversions

Conversions Part 2

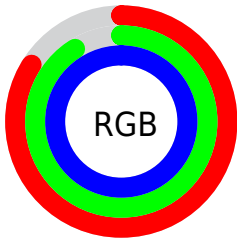
Format	Color
R _Y B	214, 226, 254
Decimal	14084350
CIE Lab	91.31, -1.58, -12.65
CIE LCh	91, 12.752, 262.901
Yxy	79.1651, 0.2878, 0.3059
Android (android.graphics.Color)	4292274430 (0xFFD6E8FE)
YUV	229.1260, 12.2629, -13.2655
Hunter-Lab	88.9748, -6.2899, -7.7669

Details

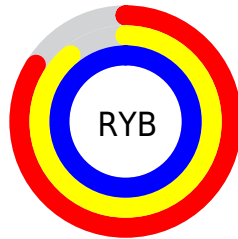
The XYZ color **74.4776, 79.1651, 105.1209** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.0068, 85.9168, 75.8288**, and the grayscale version is **74.4928, 78.3722, 85.3474**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.9015, 42.4528, 58.9145** is the 20% darker color. If you saturate the color by 10%, you get **63.8583, 68.0857, 103.5433**, and if you desaturate by 10%, it is **86.5700, 91.4720, 106.8603**.

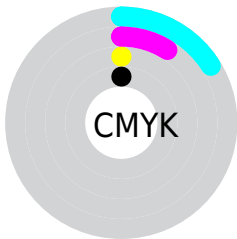
Distribution



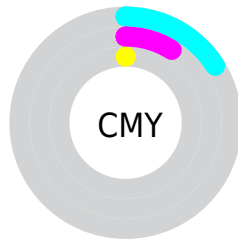
- Red (84%)
- Green (91%)
- Blue (100%)



- 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 74.4776, 79.1651, 105.1209 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 74.4776, 79.1651, 105.1209 by changing the saturation by 10% instead.

■ 74.4776, 79.1651,
105.1209

■ 74.4776, 79.1651,
105.1209

465.1450,
492.1147, 597.8753

■ 55.4777, 59.0316,
79.9434

124.5645,
132.1913, 170.2899

■ 40.0197, 42.6385,
59.1459

156.3822,
165.8527, 211.1185

■ 27.7382, 29.6016,
42.3098

193.2031,
204.7922, 258.0011

■ 18.2678, 19.5364,
29.0166

235.3928,
249.3941, 311.3565

■ 11.2433, 12.0585,
18.8477

283.3164,
300.0430, 371.6030

■ 6.2992, 6.7835,
11.3846

337.3394,

■ 3.0702, 3.3271,

357.1231, 439.1593

6.2087

397.8272,
421.0189, 514.4439

■ 1.1910, 1.3048,
2.9016

■ 0.0993, 0.1449,
1.0446

■ 74.4776, 79.1651,
105.1209

■ 74.4776, 79.1651,
105.1209

■ 63.8583, 68.0857,
103.5433

■ 86.5700, 91.4720,
106.8603

■ 54.6444, 58.1819,
102.1173

94.8896, 99.9359,
108.0555

■ 46.7733, 49.4124,
100.8395

■ 40.1741, 41.7293,
99.7043

■ 34.7694, 35.0804,
98.7058

■ 30.4718, 29.4081,
97.8375

■ 27.1807, 24.6474,
97.0920

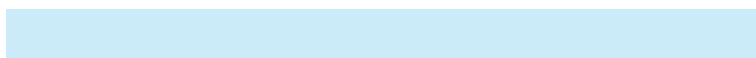
■ 24.7726, 20.7208,
96.4610

■ 23.9429, 19.2623,
96.2232

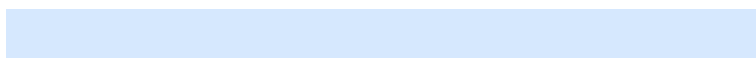
Harmonies

Analogous

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



71.5523, 79.1651, 101.2087



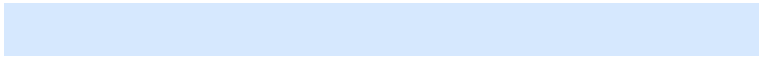
74.4776, 79.1651, 105.1209



77.6919, 79.1651, 103.6799

Triad

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



74.4776, 79.1651, 105.1209



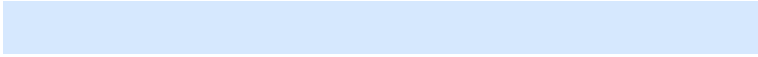
81.1236, 79.1651, 79.4460



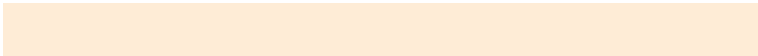
70.3887, 79.1651, 75.8874

Complementary

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



74.4776, 79.1651, 105.1209



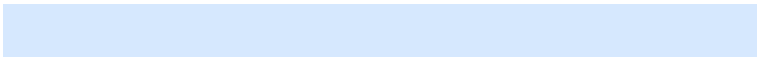
83.0068, 85.9168, 75.8288

Split Complementary

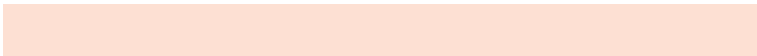
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.8482, 79.1651, 70.7996



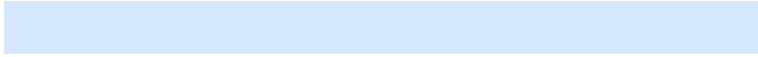
74.4776, 79.1651, 105.1209



79.0606, 79.1651, 72.7489

Square

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



74.4776, 79.1651, 105.1209



81.5901, 79.1651, 88.4187



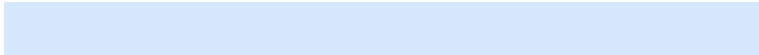
76.0157, 79.1651, 69.6931



69.2359, 79.1651, 84.0135

Rectangle

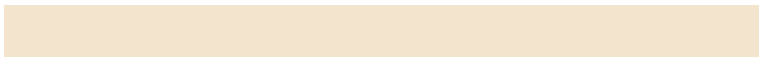
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



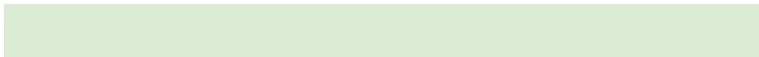
74.4776, 79.1651, 105.1209



79.5605, 79.1651, 99.9234



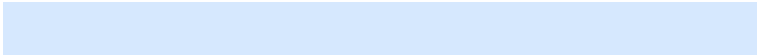
76.0157, 79.1651, 69.6931



71.0867, 79.1651, 73.7896

Sweetspot

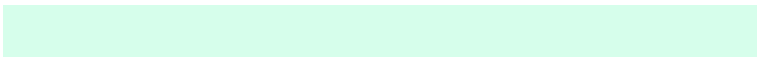
The Sweet Spot groups the original color and five complimentary colors.



74.4800, 79.1684, 105.1227



88.3176, 93.2692, 107.9557



78.2185, 91.1987, 92.3321



18.7077, 19.7665, 23.0793



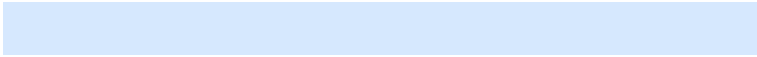
0.0000, 0.0000, 0.0000



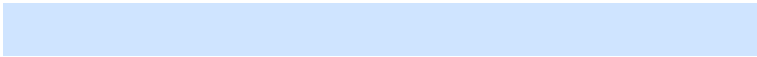
20.3446, 21.4041, 23.3091

Same Dimension

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



74.4800, 79.1684, 105.1227



71.4980, 76.1034, 105.5288



70.0600, 69.7484, 103.5374



17.6762, 18.7240, 22.9324



12.7653, 10.4402, 50.7769



1.3502, 1.2310, 4.9797

Inverse Universe

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



79.4870, 74.9921, 86.6331



77.4970, 71.2891, 83.3337



87.9675, 96.5602, 77.6217



18.3492, 18.1230, 20.4561



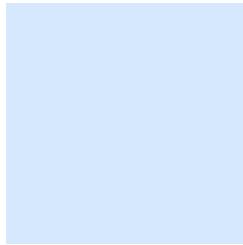
23.2315, 11.7819, 9.8698



2.3161, 1.1688, 1.2460

Previews

White Background



This preview shows how the XYZ color 74.4776, 79.1651, 105.1209 looks on a white background.

Color Contrast Check

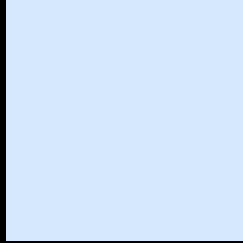
Large Text (above 18pt) WCAG AA × Fail

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 74.4776, 79.1651, 105.1209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

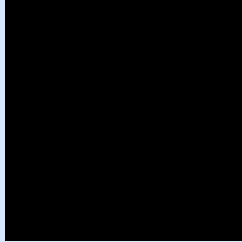
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

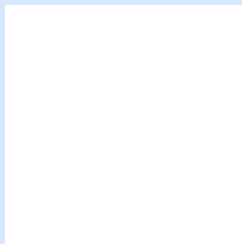
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.4776, 79.1651, 105.1209

Background



This preview shows how black text looks on a background with the XYZ color 74.4776, 79.1651, 105.1209.



This preview shows how white text looks on a background with the XYZ color 74.4776, 79.1651,

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

74.4776, 79.1651, 105.1209

Protanopia

76.9926, 78.8460, 103.2563

Deuteranopia

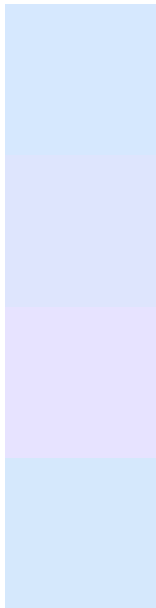
80.6408, 79.0566, 105.6170



Tritanopia

73.7098, 78.8244, 102.5965

Trichromacy



Original Color

74.4776, 79.1651, 105.1209

Protanomaly

75.8731, 78.6601, 104.1125

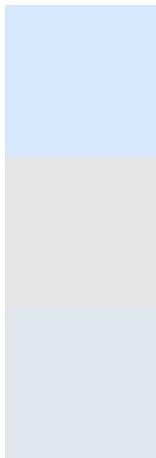
Deuteranomaly

78.4741, 79.1471, 105.7486

Tritanomaly

73.8679, 78.8876, 103.4290

Monochromacy



Original Color

74.4776, 79.1651, 105.1209

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 74.4776, 79.1651, 105.1209 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, 232, 254) looks like.

```
.text, #text, p{  
    color:rgb(214, 232, 254)  
}
```

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, 232, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 232, 254) }
```

Border

The CSS property to change the border of an element to XYZ 74.4776, 79.1651, 105.1209 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, 232, 254) }
```


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

```
.border{ border-color:rgb(214, 232, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 232, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 232, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 232, 254);  
box-shadow:4px 4px 4px 4px rgb(214, 232,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 74.4776, 79.1651, 105.1209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 232, 254) }
```

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

```
.background{ background-color: rgb(214,  
232, 254) }
```

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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