

Converting Colors

XYZ(74.9303, 80.0054,
106.1011)

Have a look what the booklet for
XYZ(74.9303, 80.0054, 106.1011)
contains.

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Color

**XYZ(74.9205, 79.7940,
106.0608)**

Conversions

Conversions Part 1

Format	Color
Hex	D6E9FF
RGB	214, 233, 255
RGB Percent	84%, 91%, 100%
CMY	0.1608, 0.0863, 0.0000
CMYK	0.16, 0.09, 0.00, 0.00
HSL	212°, 100%, 92%
HSV	212°, 16%, 100%
XYZ	74.9205, 79.7940, 106.0608
YIQ	229.8270, -18.3860, 2.8140

Conversions

Conversions Part 2

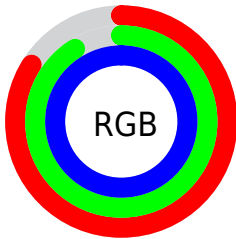
Format	Color
R _Y B	214, 227, 255
Decimal	14084607
CIE Lab	91.59, -1.89, -12.75
CIE LCh	92, 12.891, 261.590
Yxy	79.7940, 0.2873, 0.3060
Android (android.graphics.Color)	4292274687 (0xFFD6E9FF)
YUV	229.8270, 12.4103, -13.8803
Hunter-Lab	89.3275, -6.6121, -7.8673

Details

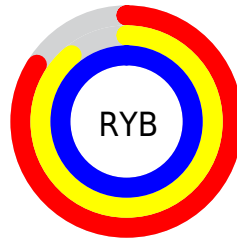
The XYZ color **74.9205, 79.7940, 106.0608** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.3727, 86.1046, 75.8457**, and the grayscale version is **75.0087, 78.9150, 85.9384**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.2133, 42.8924, 59.5857** is the 20% darker color. If you saturate the color by 10%, you get **64.3293, 68.8078, 104.4985**, and if you desaturate by 10%, it is **86.9812, 91.9878, 107.7788**.

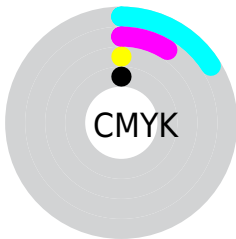
Distribution



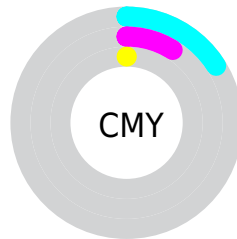
- Red (84%)
- Green (91%)
- Blue (100%)



- 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 74.9205, 79.7940, 106.0608 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 74.9205, 79.7940, 106.0608 by changing the saturation by 10% instead.

■ 74.9205, 79.7940,
106.0608

■ 74.9205, 79.7940,
106.0608

466.6457,
494.2383, 600.8661

■ 55.8417, 59.5489,
80.7267

125.1883,
133.0761, 171.5857

■ 40.3125, 43.0551,
59.7869

157.1081,
166.8818, 212.6137

■ 27.9676, 29.9284,
42.8227

194.0389,
205.9765, 259.7100

■ 18.4416, 19.7842,
29.4157

236.3460,
250.7445, 313.2932

■ 11.3691, 12.2383,
19.1472

284.3949,
301.5703, 373.7819

■ 6.3848, 6.9062,
11.5988

338.5509,

■ 3.1233, 3.4035,

358.8383, 441.5946

6.3519

399.1794,
422.9328, 517.1498

■ 1.2193, 1.3458,
2.9880

■ 0.1215, 0.1763,
1.0885

■ 74.9205, 79.7940,
106.0608

■ 74.9205, 79.7940,
106.0608

■ 64.3293, 68.8078,
104.4985

■ 86.9812, 91.9878,
107.7788

■ 55.1404, 58.9781,
103.0854

95.0500, 100.0000,
108.9000

■ 47.2906, 50.2640,
101.8172

■ 40.7091, 42.6182,
100.6883

■ 35.3176, 35.9892,
99.6929

■ 31.0285, 30.3200,
98.8247

■ 27.7402, 25.5459,
98.0765

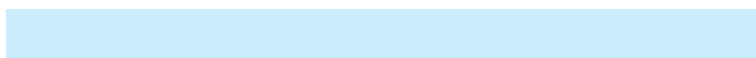
■ 25.3278, 21.5898,
97.4401

■ 24.5512, 20.2225,
97.2171

Harmonies

Analogous

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



71.9798, 79.7940, 101.8623



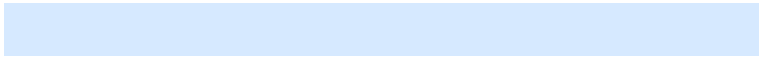
74.9205, 79.7940, 106.0608



78.1929, 79.7940, 104.8365

Triad

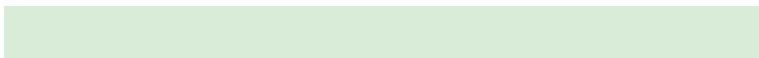
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.9205, 79.7940, 106.0608



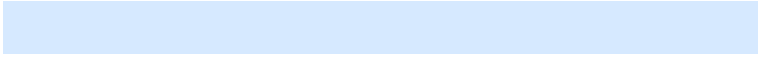
81.8761, 79.7940, 80.3861



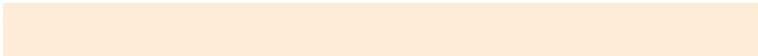
70.9931, 79.7940, 76.1073

Complementary

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



74.9205, 79.7940, 106.0608



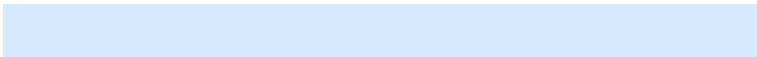
83.3727, 86.1046, 75.8457

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.



73.5383, 79.7940, 71.1044



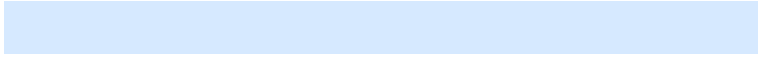
74.9205, 79.7940, 106.0608



79.8395, 79.7940, 73.4476

Square

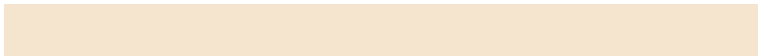
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.9205, 79.7940, 106.0608



82.2721, 79.7940, 89.5584



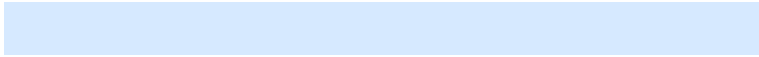
76.7706, 79.7940, 70.1671



69.7556, 79.7940, 84.2596

Rectangle

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



74.9205, 79.7940, 106.0608



80.1180, 79.7940, 101.1458



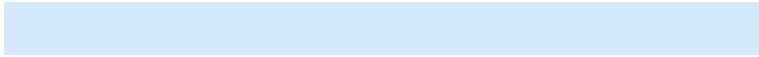
76.7706, 79.7940, 70.1671



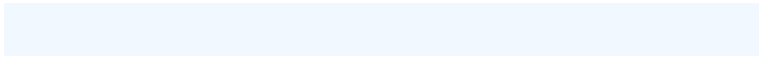
71.7205, 79.7940, 74.0267

Sweetspot

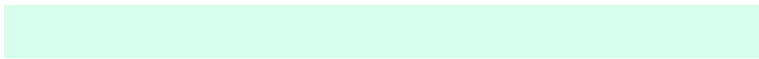
The Sweet Spot groups the original color and five complimentary colors.



74.9226, 79.7972, 106.0613



88.3703, 93.3745, 107.9732



78.6134, 91.8650, 92.8446



18.7205, 19.7921, 23.0835



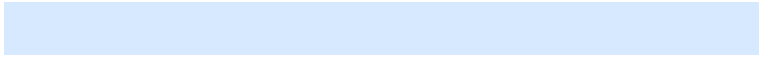
0.0000, 0.0000, 0.0000



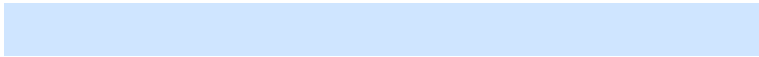
20.3446, 21.4041, 23.3091

Same Dimension

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



74.9226, 79.7972, 106.0613



71.6778, 76.4630, 105.5888



70.2301, 69.8174, 104.3823



17.6969, 18.7655, 22.9393



12.9744, 10.8584, 50.8466



1.3712, 1.2732, 4.9867

Inverse Universe

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



79.9959, 75.2379, 87.4007



77.5878, 71.3254, 83.8116



88.6369, 97.3769, 77.7440



18.3597, 18.1272, 20.5112



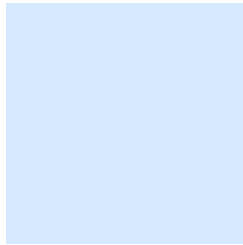
23.3371, 11.8241, 10.4255



2.3267, 1.1731, 1.3021

Previews

White Background



This preview shows how the XYZ color 74.9205, 79.7940, 106.0608 looks on a white background.

Color Contrast Check

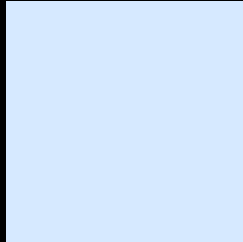
Large Text (above 18pt) WCAG AA × Fail

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 74.9205, 79.7940, 106.0608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

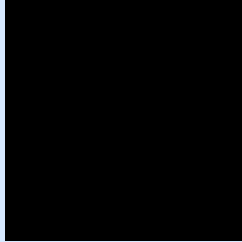
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

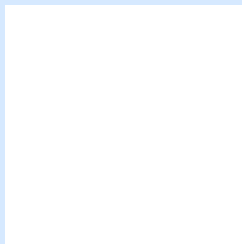
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.9205, 79.7940, 106.0608

Background



This preview shows how black text looks on a background with the XYZ color 74.9205, 79.7940, 106.0608.



This preview shows how white text looks on a background with the XYZ color 74.9205, 79.7940,

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

74.9205, 79.7940, 106.0608

Protanopia

77.7438, 79.6245, 104.2000

Deuteranopia

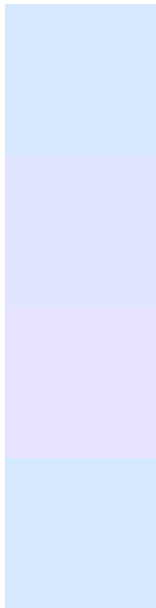
80.9104, 79.5957, 105.7068



Tritanopia

74.1502, 79.4522, 103.5231

Trichromacy



Original Color

74.9205, 79.7940, 106.0608

Protanomaly

76.6176, 79.4374, 105.0607

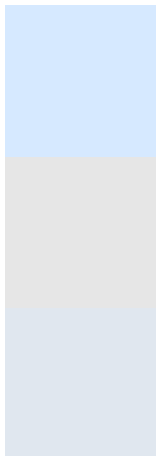
Deuteranomaly

78.7484, 79.6957, 105.8401

Tritanomaly

74.3091, 79.5158, 104.3601

Monochromacy



Original Color

74.9205, 79.7940, 106.0608

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

74.8964, 79.2311, 93.0070

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.9205, 79.7940, 106.0608 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, 233, 255)` looks like.

```
.text, #text, p{  
    color:rgb(214, 233, 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, 233, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 233, 255) }
```

Border

The CSS property to change the border of an element to XYZ 74.9205, 79.7940, 106.0608 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, 233, 255) }
```


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

```
.border{ border-color:rgb(214, 233, 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, 233, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 233, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 233, 255);  
box-shadow:4px 4px 4px 4px rgb(214, 233,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 74.9205, 79.7940, 106.0608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 233, 255) }
```

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

```
.background{ background-color: rgb(214,  
233, 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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