

# Converting Colors

XYZ(74.0862, 79.3802,  
106.0249)

Have a look what the booklet for  
XYZ(74.0862, 79.3802, 106.0249)  
contains.

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# **Color**

**XYZ(74.0529, 79.3467,  
106.0202)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D3E9FF
RGB	211, 233, 255
RGB Percent	83%, 91%, 100%
CMY	0.1725, 0.0863, 0.0000
CMYK	0.17, 0.09, 0.00, 0.00
HSL	210°, 100%, 91%
HSV	210°, 17%, 100%
XYZ	74.0529, 79.3467, 106.0202
YIQ	228.9300, -20.1740, 2.1780

# Conversions

## Conversions Part 2

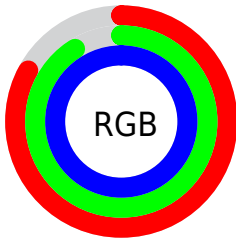
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	211, 226, 255
Decimal	13887999
CIE Lab	91.39, -2.81, -13.07
CIE LCh	91, 13.373, 257.883
Yxy	79.3467, 0.2855, 0.3059
Android (android.graphics.Color)	4292078079 (0xFFD3E9FF)
YUV	228.9300, 12.8525, -15.7246
Hunter-Lab	89.0768, -7.4905, -8.2139

# Details

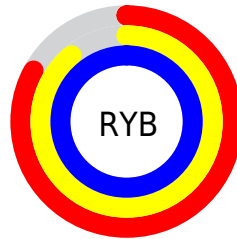
The XYZ color **74.0529, 79.3467, 106.0202** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.1365, 84.2398, 73.5606**, and the grayscale version is **74.3457, 78.2174, 85.1788**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.6255, 42.5894, 59.5582** is the 20% darker color. If you saturate the color by 10%, you get **63.8398, 68.9183, 104.5456**, and if you desaturate by 10%, it is **85.6898, 90.9003, 107.6369**.

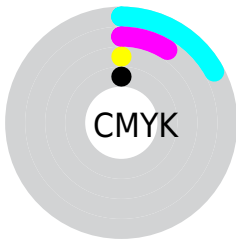
# Distribution



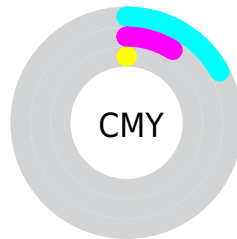
- Red (83%)
- Green (91%)
- Blue (100%)



- Red (83%)
- Yellow (89%)
- Blue (100%)



- Cyan (17%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (17%)
- Magenta (9%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 74.0529, 79.3467, 106.0202 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 74.0529, 79.3467, 106.0202 by changing the saturation by 10% instead.



■ 74.0529, 79.3467,  
106.0202

■ 74.0529, 79.3467,  
106.0202

463.7034,  
492.7284, 600.7371

■ 55.1288, 59.1809,  
80.6929

123.9659,  
132.4468, 171.5298

■ 39.7391, 42.7588,  
59.7592

155.6855,  
166.1500, 212.5491

■ 27.5185, 29.6959,  
42.8005

192.4009,  
205.1343, 259.6362

■ 18.1016, 19.6079,  
29.3984

234.4776,  
249.7843, 313.2096

■ 11.1231, 12.1103,  
19.1342

282.2808,  
300.4843, 373.6879

■ 6.2176, 6.8189,  
11.5895

336.1759,

■ 3.0197, 3.3491,

357.6187, 441.4895

6.3457

396.5283,  
421.5720, 517.0331

■ 1.1642, 1.3166,  
2.9842

■ 0.0778, 0.1540,  
1.0866

■ 74.0529, 79.3467,  
106.0202

■ 74.0529, 79.3467,  
106.0202

■ 63.8398, 68.9183,  
104.5456

■ 85.6898, 90.9003,  
107.6369

■ 54.9841, 59.5665,  
103.2073

95.0500, 100.0000,  
108.9000

■ 47.4234, 51.2530,  
102.0011

■ 41.0876, 43.9327,  
100.9220

■ 35.8991, 37.5567,  
99.9648

■ 31.7705, 32.0705,  
99.1235

■ 28.5997, 27.4119,  
98.3914

■ 26.2568, 23.5035,  
97.7605

■ 25.7068, 22.5336,  
97.6023

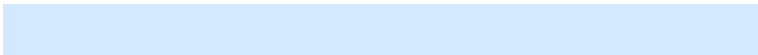
# Harmonies

## Analogous

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



71.1175, 79.3467, 101.0378



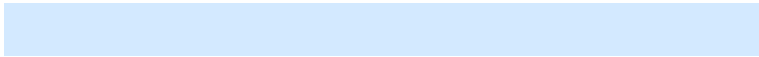
74.0529, 79.3467, 106.0202



77.4416, 79.3467, 105.4626

# Triad

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



74.0529, 79.3467, 106.0202



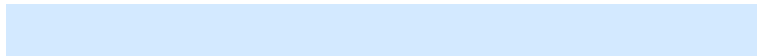
81.8097, 79.3467, 80.7735



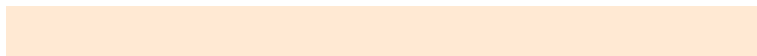
70.6714, 79.3467, 74.4392

# Complementary

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



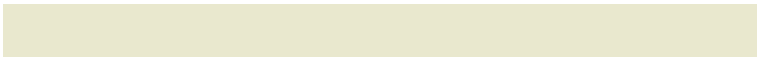
74.0529, 79.3467, 106.0202



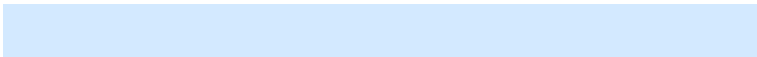
82.1365, 84.2398, 73.5606

# Split Complementary

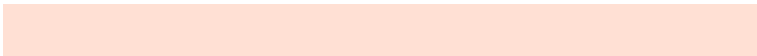
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.4273, 79.3467, 69.7765



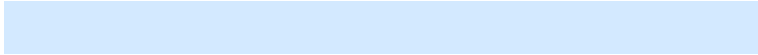
74.0529, 79.3467, 106.0202



79.8857, 79.3467, 73.2402

# Square

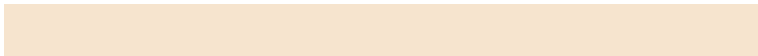
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.0529, 79.3467, 106.0202



81.9895, 79.3467, 90.3844



76.7971, 79.3467, 69.3548

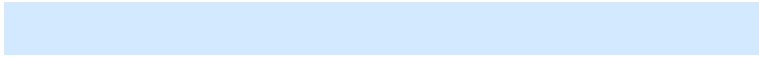


69.2048, 79.3467, 82.5249



# Rectangle

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



74.0529, 79.3467, 106.0202



79.5018, 79.3467, 102.0279



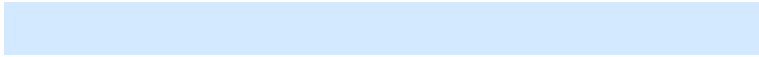
76.7971, 79.3467, 69.3548



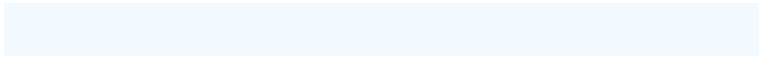
71.4739, 79.3467, 72.4466

# Sweetspot

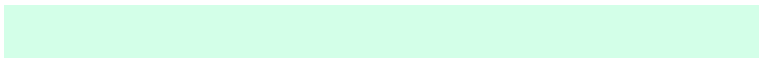
The Sweet Spot groups the original color and five complimentary colors.



74.0550, 79.3499, 106.0207



88.5140, 93.6619, 108.0211



77.2283, 91.2107, 90.0788



18.7554, 19.8619, 23.0952



0.0000, 0.0000, 0.0000

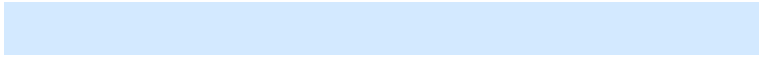


20.3446, 21.4041, 23.3091

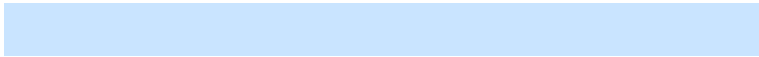


# Same Dimension

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



74.0550, 79.3499, 106.0207



70.0651, 75.3130, 105.4518



68.3923, 68.0243, 104.1331



17.7535, 18.8787, 22.9582



13.5817, 12.0729, 51.0491



1.4316, 1.3939, 5.0069



# Inverse Universe

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



79.2436, 73.7333, 87.1498



76.2672, 68.8576, 82.8369



88.5247, 97.0163, 75.6900



18.3882, 18.1386, 20.6616



23.6436, 11.9467, 12.0395

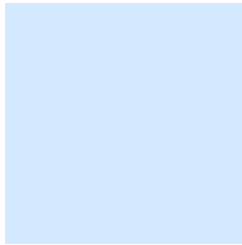


2.3572, 1.1853, 1.4625



# Previews

## White Background



This preview shows how the XYZ color 74.0529, 79.3467, 106.0202 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

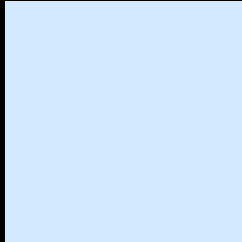
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 74.0529, 79.3467, 106.0202 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

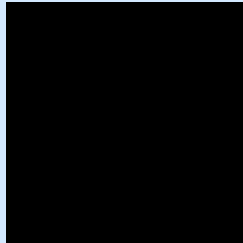
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

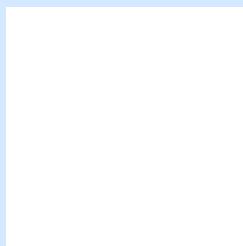
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 74.0529, 79.3467, 106.0202

## Background



This preview shows how black text looks on a background with the XYZ color 74.0529, 79.3467, 106.0202.



This preview shows how white text looks on a background with the XYZ color 74.0529, 79.3467,



# 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

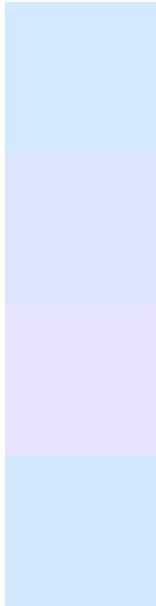




## **Tritanopia**

73.2879, 79.0077, 103.4828

# Trichromacy



## Original Color

74.0529, 79.3467, 106.0202

## Protanomaly

76.1506, 79.2151, 104.2050

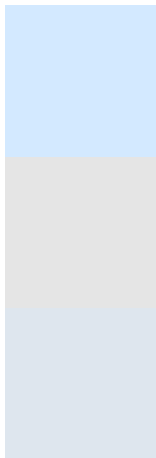
## Deuteranomaly

77.8322, 78.8162, 105.7186

## Tritanomaly

73.4469, 79.0713, 104.3197

# Monochromacy



## Original Color

74.0529, 79.3467, 106.0202

## Achromatopsia

74.4753, 78.3538, 85.3273

## Achromatomaly

73.8536, 78.2963, 92.1091

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 74.0529, 79.3467, 106.0202 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(211, 233, 255)` looks like.

```
.text, #text, p{  
    color:rgb(211, 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(211, 233, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 233, 255) }
```

## Border

The CSS property to change the border of an element to XYZ 74.0529, 79.3467, 106.0202 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(211, 233, 255) }
```



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

```
.border{ border-color:rgb(211, 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(211, 233, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 233, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 233, 255);  
box-shadow:4px 4px 4px 4px rgb(211, 233,  
255) }
```

# Background

The CSS property to change the background color of an element to XYZ 74.0529, 79.3467, 106.0202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 233, 255) }
```

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

```
.background{ background-color: rgb(211,  
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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