

Converting Colors

XYZ(74.8138, 81.8675,
106.4666)

Have a look what the booklet for
XYZ(74.8138, 81.8675, 106.4666)
contains.

XYZ(74.9190, 81.9244, 106.4721)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(74.9190, 81.9244,
106.4721)**

Conversions

Conversions Part 1

Format	Color
Hex	D1EEFF
RGB	209, 238, 255
RGB Percent	82%, 93%, 100%
CMY	0.1804, 0.0666, 0.0000
CMYK	0.18, 0.07, 0.00, 0.00
HSL	202°, 100%, 91%
HSV	202°, 18%, 100%
XYZ	74.9190, 81.9244, 106.4721
YIQ	231.2670, -22.7410, -0.8610

Conversions

Conversions Part 2

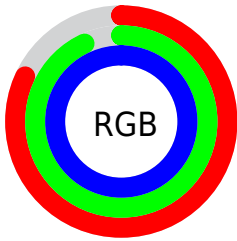
Format	Color
R _Y B	209, 227, 255
Decimal	13758207
CIE Lab	92.54, -5.98, -11.37
CIE LCh	93, 12.849, 242.264
Yxy	81.9244, 0.2845, 0.3111
Android (android.graphics.Color)	4291948287 (0xFFD1EEFF)
YUV	231.2670, 11.7004, -19.5282
Hunter-Lab	90.5121, -10.6475, -6.3861

Details

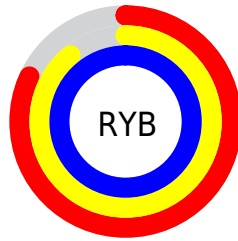
The XYZ color **74.9190, 81.9244, 106.4721** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **79.9446, 80.2548, 71.6004**, and the grayscale version is **76.0840, 80.0463, 87.1704**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.2474, 44.4031, 59.8755** is the 20% darker color. If you saturate the color by 10%, you get **65.6023, 73.1574, 105.2709**, and if you desaturate by 10%, it is **85.5383, 91.5804, 107.7762**.

Distribution



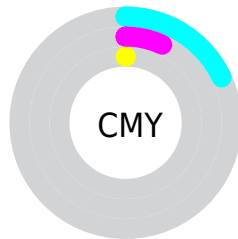
- Red (82%)
- Green (93%)
- Blue (100%)



- Red (82%)
- Yellow (89%)
- Blue (100%)



- Cyan (18%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.9190, 81.9244, 106.4721 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 74.9190, 81.9244, 106.4721 by changing the saturation by 10% instead.

■ 74.9190, 81.9244,
106.4721

■ 74.9190, 81.9244,
106.4721

466.6406,
501.3948, 602.1725

■ 55.8405, 61.3032,
81.0697

125.1862,
136.0680, 172.1524

■ 40.3115, 44.4699,
60.0676

157.1056,
170.3592, 213.2674

■ 27.9668, 31.0401,
43.0475

194.0360,
209.9758, 260.4570

■ 18.4410, 20.6294,
29.5907

236.3428,
255.3023, 314.1397

■ 11.3686, 12.8534,
19.2787

284.3913,
306.7231, 374.7340

■ 6.3845, 7.3277,
11.6930

338.5468,

■ 3.1231, 3.6678,

364.6225, 442.6586

6.4150

399.1748,
429.3849, 518.3319

■ 1.2192, 1.4896,
3.0262

■ 0.1214, 0.2814,
1.1080

■ 74.9190, 81.9244,
106.4721

■ 74.9190, 81.9244,
106.4721

■ 65.6023, 73.1574,
105.2709

■ 85.5383, 91.5804,
107.7762

■ 57.5248, 65.2369,
104.1678

95.0500, 100.0000,
108.9000

■ 50.6270, 58.1311,
103.1598

■ 44.8418, 51.8022,
102.2432

■ 40.0949, 46.2083,
101.4136

■ 36.3017, 41.3022,
100.6666

■ 33.3630, 37.0292,
99.9967

■ 31.1446, 33.3162,
99.3969

■ 30.7571, 32.6343,
99.2857

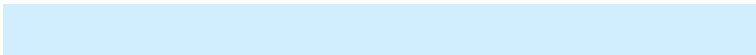
Harmonies

Analogous

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



72.5669, 81.9244, 99.3736



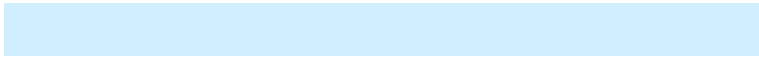
74.9190, 81.9244, 106.4721



78.1204, 81.9244, 108.8488

Triad

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



74.9190, 81.9244, 106.4721



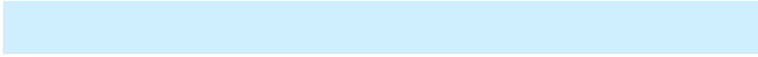
84.4546, 81.9244, 88.4778



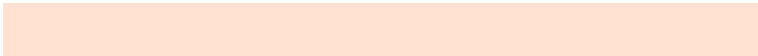
74.4920, 81.9244, 74.5500

Complementary

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



74.9190, 81.9244, 106.4721



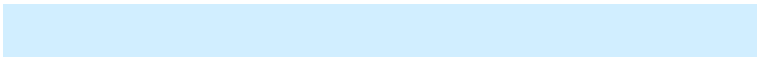
79.9446, 80.2548, 71.6004

Split Complementary

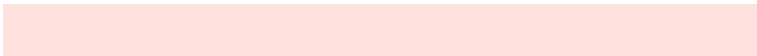
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.6135, 81.9244, 72.0736



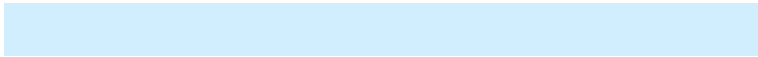
74.9190, 81.9244, 106.4721



83.4184, 81.9244, 79.7488

Square

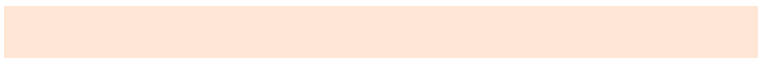
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



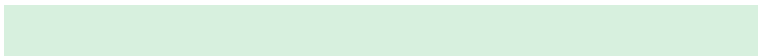
74.9190, 81.9244, 106.4721



83.6841, 81.9244, 98.0286



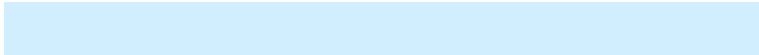
80.8907, 81.9244, 73.9079



72.3253, 81.9244, 80.9213

Rectangle

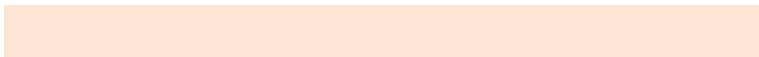
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.9190, 81.9244, 106.4721



80.3227, 81.9244, 107.3084



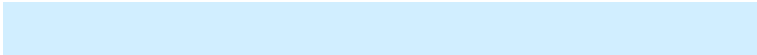
80.8907, 81.9244, 73.9079



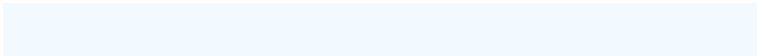
75.4612, 81.9244, 73.2559

Sweetspot

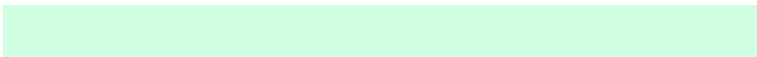
The Sweet Spot groups the original color and five complimentary colors.



74.9212, 81.9277, 106.4726



89.0294, 94.6926, 108.1929



75.7646, 90.5594, 85.3432



18.8807, 20.1124, 23.1369



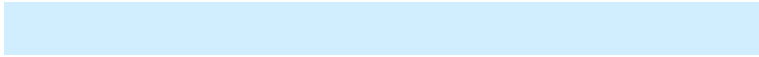
0.0000, 0.0000, 0.0000



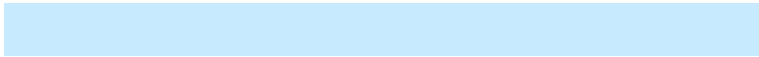
20.3446, 21.4041, 23.3091

Same Dimension

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



74.9212, 81.9277, 106.4726



71.0771, 78.3493, 105.9845



68.6801, 69.4455, 104.3922



17.9577, 19.2870, 23.0262



16.2189, 17.3474, 51.9281



1.6837, 1.8982, 5.0909

Inverse Universe

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



79.4744, 73.0354, 90.8013



76.5309, 68.0170, 87.1423



86.5835, 93.5327, 73.8133



18.4913, 18.1798, 21.2042



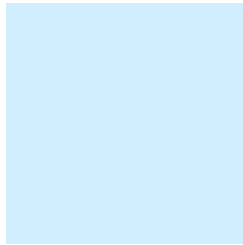
24.9748, 12.4792, 19.0494



2.4845, 1.2362, 2.1327

Previews

White Background



This preview shows how the XYZ color 74.9190, 81.9244, 106.4721 looks on a white background.

Color Contrast Check

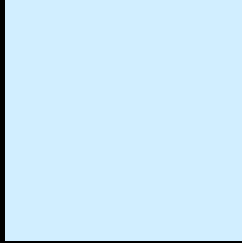
Large Text (above 18pt) WCAG AA × Fail

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 74.9190, 81.9244, 106.4721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

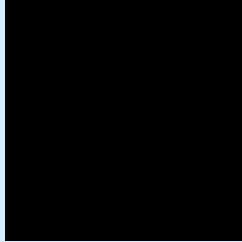
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

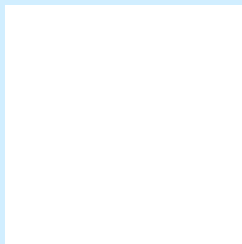
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.9190, 81.9244, 106.4721

Background



This preview shows how black text looks on a background with the XYZ color 74.9190, 81.9244, 106.4721.

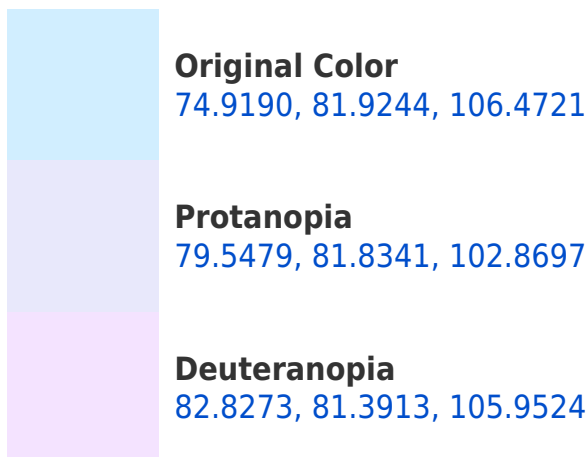


This preview shows how white text looks on a background with the XYZ color 74.9190, 81.9244,

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

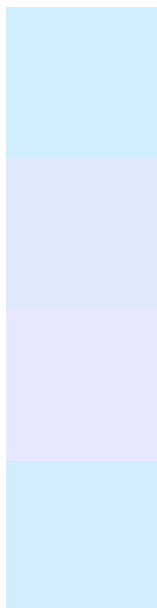




Tritanopia

75.1982, 81.6373, 106.4019

Trichromacy



Original Color

74.9190, 81.9244, 106.4721

Protanomaly

77.7340, 81.7212, 103.7722

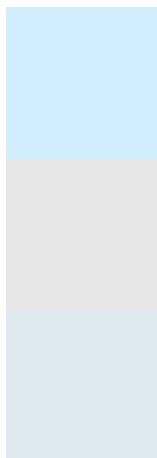
Deuteranomaly

79.5809, 81.3608, 106.1176

Tritanomaly

74.9125, 81.4900, 106.3886

Monochromacy



Original Color

74.9190, 81.9244, 106.4721

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.5824, 80.8249, 94.0552

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.9190, 81.9244, 106.4721 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(209, 238, 255)` looks like.

```
.text, #text, p{  
    color:rgb(209, 238, 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(209, 238, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 238, 255) }
```

Border

The CSS property to change the border of an element to XYZ 74.9190, 81.9244, 106.4721 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(209, 238, 255) }
```


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

```
.border{ border-color:rgb(209, 238, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 238, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 238, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 238, 255);  
box-shadow:4px 4px 4px 4px rgb(209, 238,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 74.9190, 81.9244, 106.4721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 238, 255) }
```

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

```
.background{ background-color: rgb(209,  
238, 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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