

Converting Colors

XYZ(74.8939, 80.6026,
106.2183)

Have a look what the booklet for
XYZ(74.8939, 80.6026, 106.2183)
contains.

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Color

**XYZ(74.9097, 80.6337,
106.2234)**

Conversions

Conversions Part 1

Format	Color
Hex	D4EBFF
RGB	212, 235, 255
RGB Percent	83%, 92%, 100%
CMY	0.1686, 0.0784, 0.0000
CMYK	0.17, 0.08, 0.00, 0.00
HSL	208°, 100%, 92%
HSV	208°, 17%, 100%
XYZ	74.9097, 80.6337, 106.2234
YIQ	230.4030, -20.1280, 1.3440

Conversions

Conversions Part 2

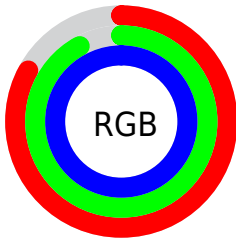
Format	Color
R _Y B	212, 227, 255
Decimal	13954047
CIE Lab	91.97, -3.53, -12.21
CIE LCh	92, 12.706, 253.875
Yxy	80.6337, 0.2862, 0.3080
Android (android.graphics.Color)	4292144127 (0xFFD4EBFF)
YUV	230.4030, 12.1263, -16.1394
Hunter-Lab	89.7963, -8.2355, -7.2790

Details

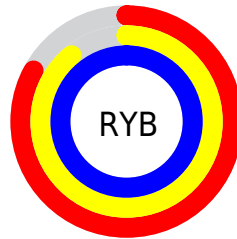
The XYZ color **74.9097, 80.6337, 106.2234** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **81.9799, 83.7255, 74.1289**, and the grayscale version is **75.4377, 79.3663, 86.4299**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.2178, 43.4855, 59.6999** is the 20% darker color. If you saturate the color by 10%, you get **64.8489, 70.5760, 104.8124**, and if you desaturate by 10%, it is **86.3620, 91.7490, 107.7653**.

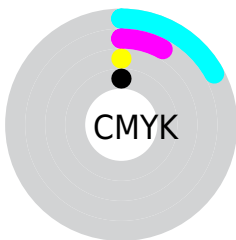
Distribution



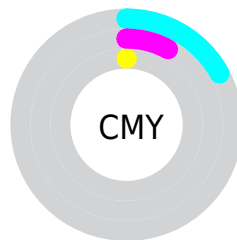
- Red (83%)
- Green (92%)
- Blue (100%)



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



- Cyan (17%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)



- Cyan (17%)
- Magenta (8%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.9097, 80.6337, 106.2234 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 74.9097, 80.6337, 106.2234 by changing the saturation by 10% instead.

■ 74.9097, 80.6337,
106.2234

■ 74.9097, 80.6337,
106.2234

466.6091,
497.0659, 601.3827

■ 55.8328, 60.2400,
80.8623

125.1731,
134.2563, 171.8098

■ 40.3054, 43.6121,
59.8979

157.0904,
168.2540, 212.8722

■ 27.9620, 30.3657,
42.9115

194.0185,
207.5551, 260.0054

■ 18.4373, 20.1163,
29.4848

236.3228,
252.5440, 313.6279

■ 11.3660, 12.4796,
19.1992

284.3687,
303.6052, 374.1584

■ 6.3827, 7.0712,
11.6360

338.5214,

■ 3.1220, 3.5067,

361.1229, 442.0153

6.3768

399.1465,
425.4817, 517.6173

■ 1.2186, 1.4016,
3.0031

■ 0.1210, 0.2179,
1.0962

■ 74.9097, 80.6337,
106.2234

■ 74.9097, 80.6337,
106.2234

■ 64.8489, 70.5760,
104.8124

■ 86.3620, 91.7490,
107.7653

■ 56.1145, 61.5293,
103.5265

95.0500, 100.0000,
108.9000

■ 48.6453, 53.4578,
102.3623

■ 42.3727, 46.3190,
101.3149

■ 37.2206, 40.0666,
100.3796

■ 33.1034, 34.6491,
99.5510

■ 29.9212, 30.0073,
98.8227

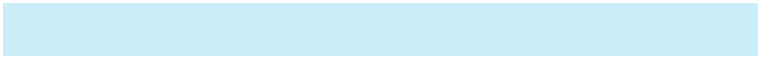
■ 27.5486, 26.0685,
98.1875

■ 26.9131, 24.9462,
98.0044

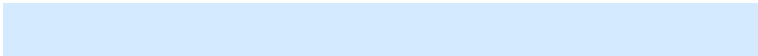
Harmonies

Analogous

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



72.2035, 80.6337, 100.8548



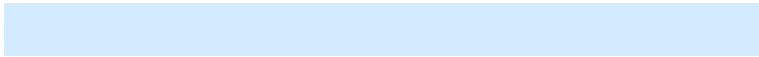
74.9097, 80.6337, 106.2234



78.1550, 80.6337, 106.4310

Triad

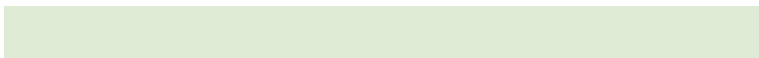
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.9097, 80.6337, 106.2234



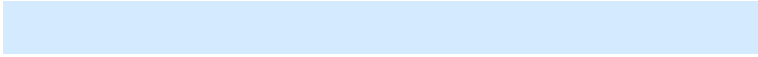
82.8968, 80.6337, 83.5556



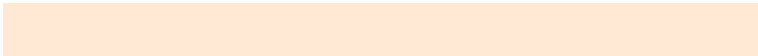
72.3711, 80.6337, 75.4645

Complementary

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



74.9097, 80.6337, 106.2234



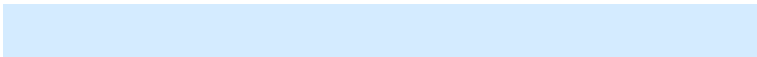
81.9799, 83.7255, 74.1289

Split Complementary

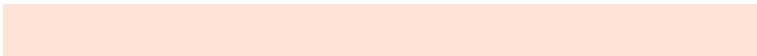
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.1445, 80.6337, 71.4746



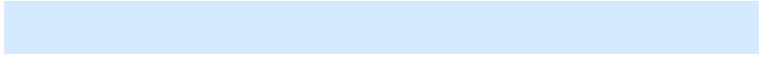
74.9097, 80.6337, 106.2234



81.2545, 80.6337, 75.9168

Square

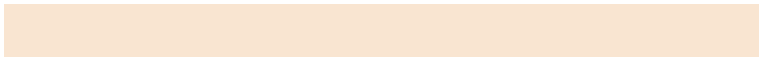
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.9097, 80.6337, 106.2234



82.8296, 80.6337, 92.8846



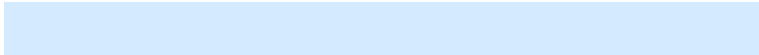
78.3966, 80.6337, 71.6341



70.7665, 80.6337, 82.8975

Rectangle

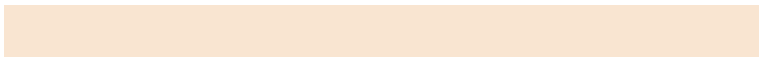
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.9097, 80.6337, 106.2234



80.1922, 80.6337, 103.5839



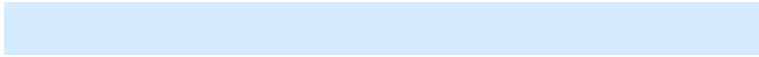
78.3966, 80.6337, 71.6341



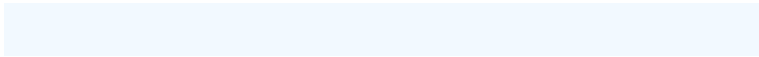
73.1942, 80.6337, 73.7005

Sweetspot

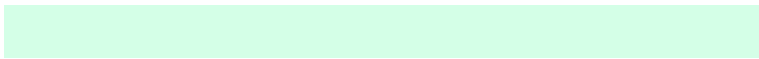
The Sweet Spot groups the original color and five complimentary colors.



74.9119, 80.6369, 106.2239



88.6514, 93.9367, 108.0669



77.3856, 91.3068, 89.4071



18.7888, 19.9286, 23.1063



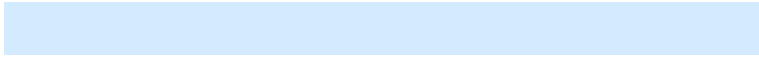
0.0000, 0.0000, 0.0000



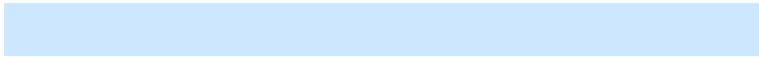
20.3446, 21.4041, 23.3091

Same Dimension

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



74.9119, 80.6369, 106.2239



71.6072, 77.3681, 105.7672



69.2873, 69.3878, 104.3491



17.8078, 18.9872, 22.9763



14.2137, 13.3370, 51.2597



1.4933, 1.5174, 5.0274

Inverse Universe

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



79.7802, 74.3467, 88.7465



77.2968, 70.2313, 85.2935



88.2020, 96.1696, 76.2029



18.4156, 18.1496, 20.8059



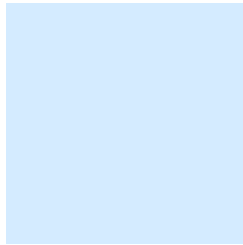
23.9626, 12.0743, 13.7196



2.3884, 1.1977, 1.6266

Previews

White Background



This preview shows how the XYZ color 74.9097, 80.6337, 106.2234 looks on a white background.

Color Contrast Check

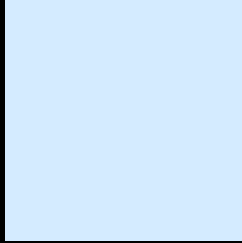
Large Text (above 18pt) WCAG AA × Fail

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 74.9097, 80.6337, 106.2234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

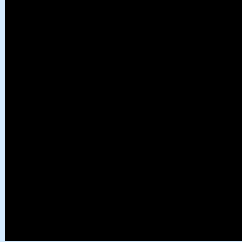
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

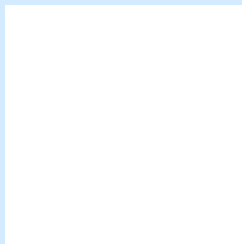
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.9097, 80.6337, 106.2234

Background



This preview shows how black text looks on a background with the XYZ color 74.9097, 80.6337, 106.2234.



This preview shows how white text looks on a background with the XYZ color 74.9097, 80.6337,

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

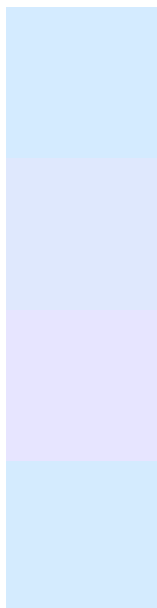




Tritanopia

74.7491, 80.5695, 105.3777

Trichromacy



Original Color

74.9097, 80.6337, 106.2234

Protanomaly

77.0177, 80.4930, 104.4060

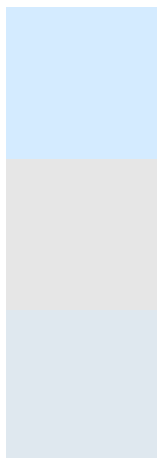
Deuteranomaly

79.0243, 80.2475, 105.9320

Tritanomaly

74.7491, 80.5695, 105.3777

Monochromacy



Original Color

74.9097, 80.6337, 106.2234

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

74.8680, 79.6332, 93.0861

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.9097, 80.6337, 106.2234 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(212, 235, 255)` looks like.

```
.text, #text, p{  
    color:rgb(212, 235, 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(212, 235, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 235, 255) }
```

Border

The CSS property to change the border of an element to XYZ 74.9097, 80.6337, 106.2234 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(212, 235, 255) }
```


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

```
.border{ border-color:rgb(212, 235, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 235, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 235, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 235, 255);  
box-shadow:4px 4px 4px 4px rgb(212, 235,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 74.9097, 80.6337, 106.2234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 235, 255) }
```

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

```
.background{ background-color: rgb(212,  
235, 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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