

Converting Colors

XYZ(77.7409, 88.3349,
105.0484)

Have a look what the booklet for
XYZ(77.7409, 88.3349, 105.0484)
contains.

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Color

**XYZ(77.7409, 88.3349,
105.0484)**

Conversions

Conversions Part 1

Format	Color
Hex	D1F9FC
RGB	209, 249, 252
RGB Percent	82%, 98%, 99%
CMY	0.1804, 0.0235, 0.0118
CMYK	0.17, 0.01, 0.00, 0.01
HSL	184°, 88%, 90%
HSV	184°, 17%, 99%
XYZ	77.7409, 88.3349, 105.0484
YIQ	237.3820, -24.8030, -7.5470

Conversions

Conversions Part 2

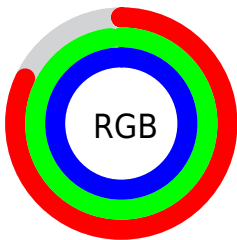
Format	Color
R _Y B	209, 230, 252
Decimal	13761020
CIE Lab	95.30, -12.15, -5.72
CIE LCh	95, 13.431, 205.228
Yxy	88.3349, 0.2867, 0.3258
Android (android.graphics.Color)	4291951100 (0xFFD1F9FC)
YUV	237.3820, 7.2067, -24.8910
Hunter-Lab	93.9866, -16.8307, -0.4775

Details

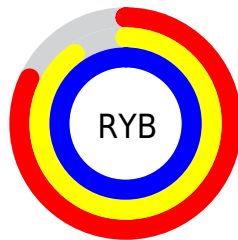
The XYZ color **77.7409, 88.3349, 105.0484** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **75.1978, 72.3861, 70.3320**, and the grayscale version is **80.7526, 84.9580, 92.5192**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.2467, 48.9501, 58.8514** is the 20% darker color. If you saturate the color by 10%, you get **70.6277, 83.8681, 104.5625**, and if you desaturate by 10%, it is **85.9920, 93.4005, 105.5927**.

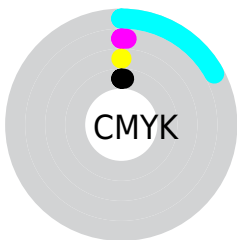
Distribution



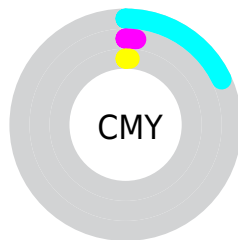
- Red (82%)
- Green (98%)
- Blue (99%)



- Red (82%)
- Yellow (90%)
- Blue (99%)



- Cyan (17%)
- Magenta (1%)
- Yellow (0%)
- Black (1%)



- Cyan (18%)
- Magenta (2%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.7409, 88.3349, 105.0484 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 77.7409, 88.3349, 105.0484 by changing the saturation by 10% instead.

77.7409, 88.3349,
105.0484

77.7409, 88.3349,
105.0484

476.1397,
522.5993, 597.6442

58.1632, 66.6005,
79.8830

129.1521,
145.0233, 170.1899

42.1836, 48.7600,
59.0965

161.7163,
180.7461, 211.0030

29.4368, 34.4291,
42.2703

199.3401,
221.9004, 257.8692

19.5575, 23.2235,
28.9858

242.3888,
268.8707, 311.2070

12.1802, 14.7586,
18.8246

291.2277,
322.0413, 371.4348

6.9396, 8.6501,
11.3681

346.2223,

3.4703, 4.5137,

381.7967, 438.9713

6.1977

407.7379,
448.5213, 514.2349

■ 1.4071, 1.9649,
2.8949

■ 0.2613, 0.5869,
1.0412

■ 77.7409, 88.3349,
105.0484

■ 77.7409, 88.3349,
105.0484

■ 70.6277, 83.8681,
104.5625

■ 85.9920, 93.4005,
105.5927

■ 64.5919, 79.9619,
104.1267

■ 93.7841, 98.2347,
106.1151

■ 59.5788, 76.5904,
103.7402

■ 94.3397, 99.3459,
106.3003

■ 55.5261, 73.7215,
103.4000

■ 94.5710, 99.8084,
106.3774

■ 52.3644, 71.3194,
103.1030

■ 50.0152, 69.3436,
102.8454

■ 48.3861, 67.7464,
102.6230

■ 47.3590, 66.4669,
102.4302

■ 47.1189, 66.1243,
102.3767

Harmonies

Analogous

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



77.1268, 88.3349, 94.5112



77.7409, 88.3349, 105.0484



80.0019, 88.3349, 113.7423

Triad

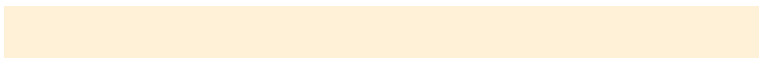
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.7409, 88.3349, 105.0484



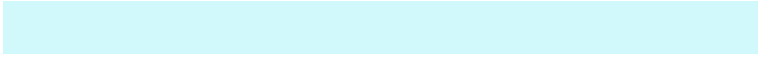
89.8862, 88.3349, 108.1651



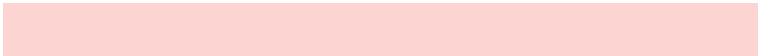
84.5477, 88.3349, 77.4277

Complementary

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



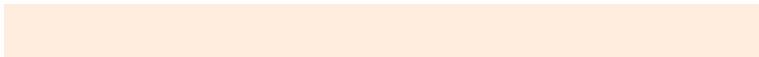
77.7409, 88.3349, 105.0484



75.1978, 72.3861, 70.3320

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.



88.0458, 88.3349, 80.5285



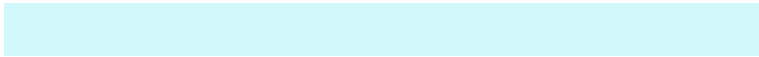
77.7409, 88.3349, 105.0484



91.1846, 88.3349, 97.8717

Square

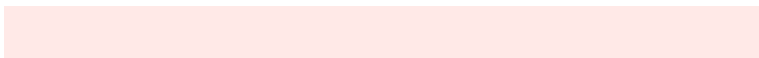
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.7409, 88.3349, 105.0484



87.0011, 88.3349, 115.6316



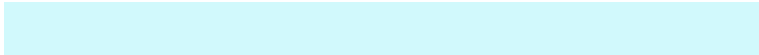
90.5015, 88.3349, 87.8285



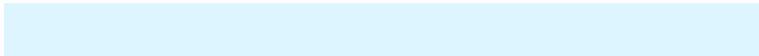
80.9899, 88.3349, 79.0451

Rectangle

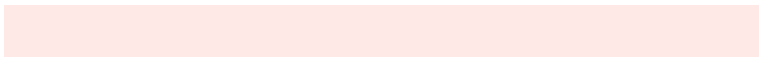
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.7409, 88.3349, 105.0484



82.1745, 88.3349, 117.0605



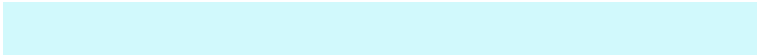
90.5015, 88.3349, 87.8285



85.7705, 88.3349, 77.9459

Sweetspot

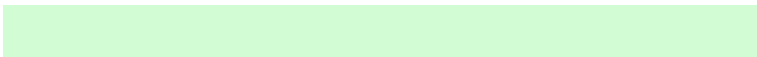
The Sweet Spot groups the original color and five complimentary colors.



77.7435, 88.3385, 105.0504



90.2310, 97.0959, 108.5934



72.9734, 87.9245, 75.3260



19.1735, 20.6979, 23.2345



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

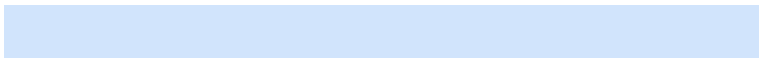
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.7435, 88.3385, 105.0504



77.5884, 89.3305, 107.7609



71.5095, 75.8706, 102.9724



17.6562, 19.3892, 22.1972



24.5898, 34.5352, 53.3435



2.3076, 3.2589, 4.9506

Inverse Universe

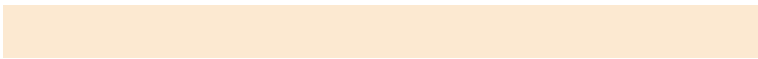
The Inverse Universe completely reimagines the original color for something new.



80.0463, 73.1379, 99.5247



80.3158, 71.4389, 101.1916



80.8979, 83.7862, 72.2320



17.9378, 17.5025, 21.5279



28.7038, 13.8973, 42.0103



2.6737, 1.2932, 3.9711

Previews

White Background



This preview shows how the XYZ color 77.7409, 88.3349, 105.0484 looks on a white background.

Color Contrast Check

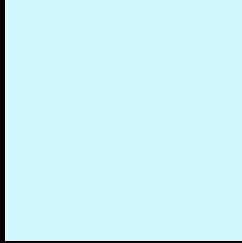
Large Text (above 18pt) WCAG AA × Fail

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 77.7409, 88.3349, 105.0484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

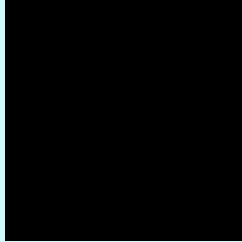
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.7409, 88.3349, 105.0484

Background



This preview shows how black text looks on a background with the XYZ color 77.7409, 88.3349, 105.0484.

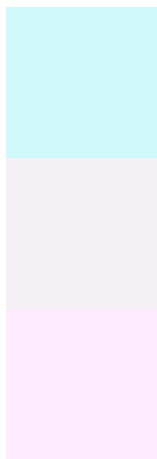


This preview shows how white text looks on a background with the XYZ color 77.7409, 88.3349,

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

77.7409, 88.3349, 105.0484

Protanopia

85.1029, 88.2071, 99.7290

Deuteranopia

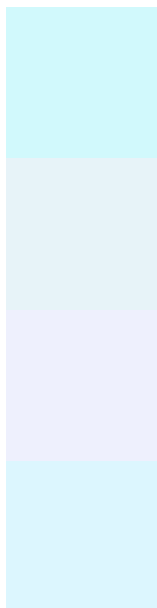
88.6780, 87.7685, 105.1957



Tritanopia

81.7647, 88.0901, 107.3014

Trichromacy



Original Color

77.7409, 88.3349, 105.0484

Protanomaly

81.9489, 87.8674, 101.4479

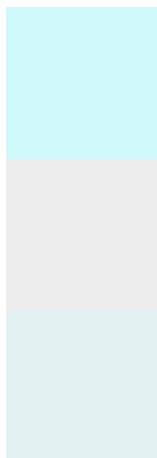
Deuteranomaly

84.1496, 87.5892, 105.3997

Tritanomaly

80.3604, 88.2829, 106.5708

Monochromacy



Original Color

77.7409, 88.3349, 105.0484

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

79.1609, 85.6523, 96.3647

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.7409, 88.3349, 105.0484 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, 249, 252)` looks like.

```
.text, #text, p{  
    color:rgb(209, 249, 252)  
}
```

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, 249, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 249, 252) }
```

Border

The CSS property to change the border of an element to XYZ 77.7409, 88.3349, 105.0484 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, 249, 252) }
```


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

```
.border{ border-color:rgb(209, 249, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 249, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 249, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 249, 252);  
box-shadow:4px 4px 4px 4px rgb(209, 249,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 77.7409, 88.3349, 105.0484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 249, 252) }
```

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

```
.background{ background-color: rgb(209,  
249, 252) }
```

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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