

Converting Colors

XYZ(75.7977, 81.4617,
106.3365)

Have a look what the booklet for
XYZ(75.7977, 81.4617, 106.3365)
contains.

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Color

**XYZ(75.7770, 81.5070,
106.3463)**

Conversions

Conversions Part 1

Format	Color
Hex	D6ECFF
RGB	214, 236, 255
RGB Percent	84%, 93%, 100%
CMY	0.1608, 0.0745, 0.0000
CMYK	0.16, 0.07, 0.00, 0.00
HSL	208°, 100%, 92%
HSV	208°, 16%, 100%
XYZ	75.7770, 81.5070, 106.3463
YIQ	231.5880, -19.2110, 1.2450

Conversions

Conversions Part 2

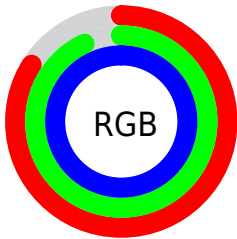
Format	Color
R _Y B	214, 228, 255
Decimal	14085375
CIE _{Lab}	92.36, -3.43, -11.61
CIE _{LCh}	92, 12.108, 253.557
Yxy	81.5070, 0.2874, 0.3092
Android (android.graphics.Color)	4292275455 (0xFFD6ECFF)
YUV	231.5880, 11.5421, -15.4247
Hunter-Lab	90.2812, -8.1693, -6.6435

Details

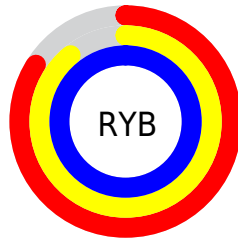
The XYZ color **75.7770, 81.5070, 106.3463** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.5162, 84.3917, 75.5602**, and the grayscale version is **76.3225, 80.2972, 87.4437**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.8124, 44.0907, 59.7854** is the 20% darker color. If you saturate the color by 10%, you get **65.6199, 71.3889, 104.9286**, and if you desaturate by 10%, it is **87.3285, 92.6823, 107.8945**.

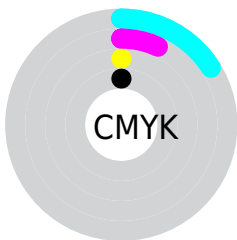
Distribution



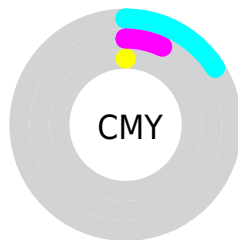
- Red (84%)
- Green (93%)
- Blue (100%)



- Red (84%)
- Yellow (89%)
- Blue (100%)



- Cyan (16%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (16%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.7770, 81.5070, 106.3463 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 75.7770, 81.5070, 106.3463 by changing the saturation by 10% instead.

■ 75.7770, 81.5070,
106.3463

■ 75.7770, 81.5070,
106.3463

469.5401,
499.9971, 601.7731

■ 56.5461, 60.9592,
80.9648

126.3937,
135.4824, 171.9791

■ 40.8796, 44.1923,
59.9817

158.5101,
169.6789, 213.0675

■ 28.4123, 30.8217,
42.9787

195.6525,
209.1937, 260.2285

■ 18.7787, 20.4631,
29.5371

238.1861,
254.4113, 313.8808

■ 11.6136, 12.7321,
19.2385

286.4763,
305.7161, 374.4429

■ 6.5514, 7.2444,
11.6642

340.8885,

■ 3.2270, 3.6154,

363.4923, 442.3333

6.3957

401.7880,
428.1246, 517.9705

■ 1.2749, 1.4608,
3.0145

■ 0.1643, 0.2609,
1.1020

■ 75.7770, 81.5070,
106.3463

■ 75.7770, 81.5070,
106.3463

■ 65.6199, 71.3889,
104.9286

■ 87.3285, 92.6823,
107.8945

■ 56.7922, 62.2817,
103.6360

95.0500, 100.0000,
108.9000

■ 49.2335, 54.1497,
102.4648

■ 42.8754, 46.9509,
101.4104

■ 37.6427, 40.6395,
100.4680

■ 33.4508, 35.1645,
99.6321

■ 30.2010, 30.4675,
98.8968

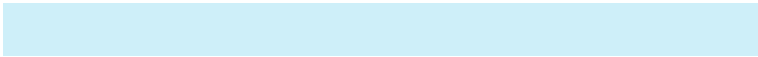
■ 27.7720, 26.4782,
98.2548

■ 26.9747, 25.0694,
98.0249

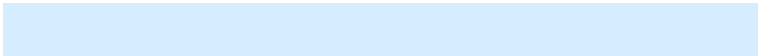
Harmonies

Analogous

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



73.1853, 81.5070, 101.1759



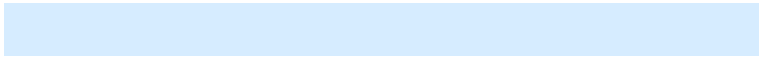
75.7770, 81.5070, 106.3463



78.8908, 81.5070, 106.6003

Triad

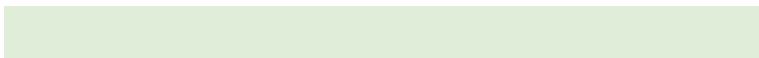
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.7770, 81.5070, 106.3463



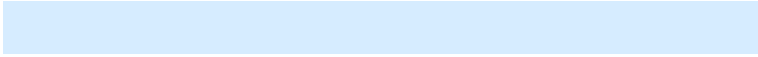
83.4758, 81.5070, 84.7638



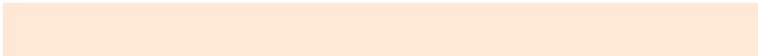
73.3921, 81.5070, 76.8209

Complementary

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



75.7770, 81.5070, 106.3463



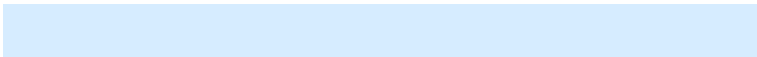
82.5162, 84.3917, 75.5602

Split Complementary

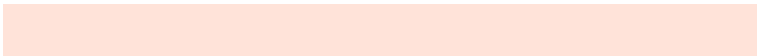
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.0663, 81.5070, 73.0078



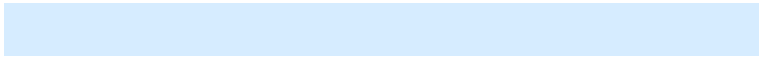
75.7770, 81.5070, 106.3463



81.9187, 81.5070, 77.3806

Square

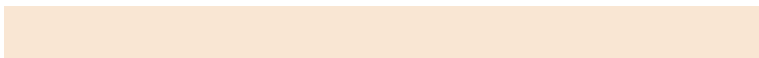
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.7770, 81.5070, 106.3463



83.3933, 81.5070, 93.7217



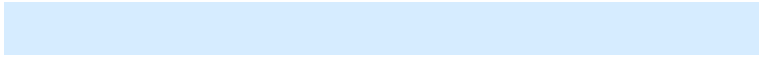
79.1879, 81.5070, 73.2055



71.8340, 81.5070, 83.9521

Rectangle

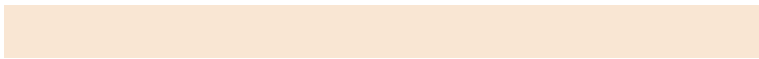
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.7770, 81.5070, 106.3463



80.8482, 81.5070, 103.9169



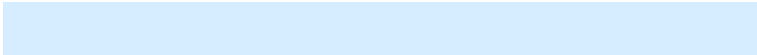
79.1879, 81.5070, 73.2055



74.1871, 81.5070, 75.1308

Sweetspot

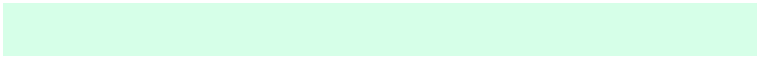
The Sweet Spot groups the original color and five complimentary colors.



75.7792, 81.5103, 106.3468



88.6581, 93.9502, 108.0692



78.1220, 91.6684, 90.2568



18.7905, 19.9319, 23.1068



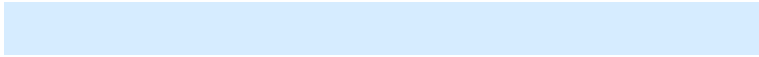
0.0000, 0.0000, 0.0000



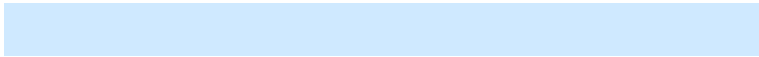
20.3446, 21.4041, 23.3091

Same Dimension

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



75.7792, 81.5103, 106.3468



72.6688, 78.4452, 105.9191



70.3516, 70.6551, 104.5376



17.8105, 18.9925, 22.9772



14.2460, 13.4015, 51.2705



1.4965, 1.5236, 5.0285

Inverse Universe

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



80.4283, 75.4108, 89.6774



78.0880, 71.5255, 86.4458



88.4875, 96.3342, 77.5506



18.4170, 18.1501, 20.8129



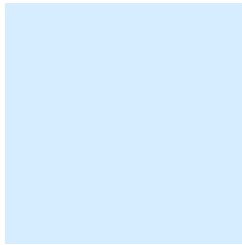
23.9789, 12.0809, 13.8053



2.3899, 1.1984, 1.6349

Previews

White Background



This preview shows how the XYZ color 75.7770, 81.5070, 106.3463 looks on a white background.

Color Contrast Check

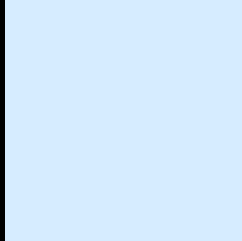
Large Text (above 18pt) WCAG AA × Fail

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 75.7770, 81.5070, 106.3463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

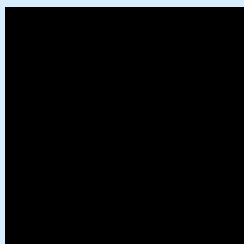
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

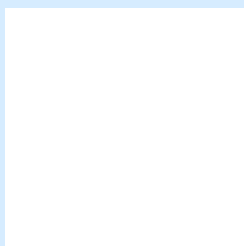
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.7770, 81.5070, 106.3463

Background



This preview shows how black text looks on a background with the XYZ color 75.7770, 81.5070, 106.3463.



This preview shows how white text looks on a background with the XYZ color 75.7770, 81.5070,

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

75.7770, 81.5070, 106.3463

Protanopia

79.1016, 81.1690, 103.5935

Deuteranopia

82.4812, 81.2129, 105.9362



Tritanopia

75.7770, 81.5070, 106.3463

Trichromacy



Original Color

75.7770, 81.5070, 106.3463

Protanomaly

77.9199, 81.3772, 104.5291

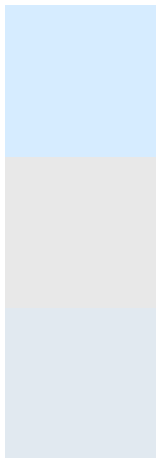
Deuteranomaly

79.6255, 80.9694, 106.0397

Tritanomaly

75.7770, 81.5070, 106.3463

Monochromacy



Original Color

75.7770, 81.5070, 106.3463

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

75.9184, 80.5766, 93.9896

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.7770, 81.5070, 106.3463 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, 236, 255) looks like.

```
.text, #text, p{  
    color:rgb(214, 236, 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, 236, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 236, 255) }
```

Border

The CSS property to change the border of an element to XYZ 75.7770, 81.5070, 106.3463 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, 236, 255) }
```


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

```
.border{ border-color:rgb(214, 236, 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, 236, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 236, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 236, 255);  
box-shadow:4px 4px 4px 4px rgb(214, 236,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 75.7770, 81.5070, 106.3463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 236, 255) }
```

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

```
.background{ background-color: rgb(214,  
236, 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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