

Converting Colors

XYZ(75.2325, 80.9521,
106.2679)

Have a look what the booklet for
XYZ(75.2325, 80.9521, 106.2679)
contains.

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Color

**XYZ(75.1989, 80.7828,
106.2370)**

Conversions

Conversions Part 1

Format	Color
Hex	D5EBFF
RGB	213, 235, 255
RGB Percent	84%, 92%, 100%
CMY	0.1647, 0.0784, 0.0000
CMYK	0.16, 0.08, 0.00, 0.00
HSL	209°, 100%, 92%
HSV	209°, 16%, 100%
XYZ	75.1989, 80.7828, 106.2370
YIQ	230.7020, -19.5320, 1.5560

Conversions

Conversions Part 2

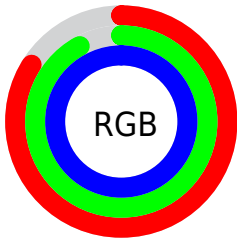
Format	Color
R _Y B	213, 227, 255
Decimal	14019583
CIE Lab	92.03, -3.22, -12.10
CIE LCh	92, 12.521, 255.089
Yxy	80.7828, 0.2868, 0.3081
Android (android.graphics.Color)	4292209663 (0xFFD5EBFF)
YUV	230.7020, 11.9789, -15.5247
Hunter-Lab	89.8793, -7.9438, -7.1651

Details

The XYZ color **75.1989, 80.7828, 106.2370** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.3887, 84.3406, 74.8894**, and the grayscale version is **75.6602, 79.6004, 86.6849**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.4137, 43.5865, 59.7091** is the 20% darker color. If you saturate the color by 10%, you get **65.0182, 70.5512, 104.7987**, and if you desaturate by 10%, it is **86.7841, 92.0948, 107.8098**.

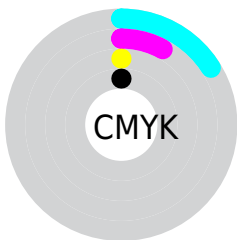
Distribution



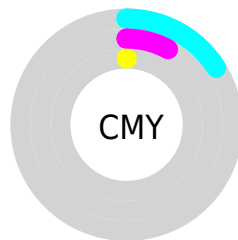
- Red (84%)
- Green (92%)
- Blue (100%)



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



- Cyan (16%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)



- Cyan (16%)
- Magenta (8%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.1989, 80.7828, 106.2370 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 75.1989, 80.7828, 106.2370 by changing the saturation by 10% instead.

■ 75.1989, 80.7828,
106.2370

■ 75.1989, 80.7828,
106.2370

467.5876,
497.5670, 601.4259

■ 56.0706, 60.3627,
80.8736

125.5803,
134.4657, 171.8285

■ 40.4968, 43.7111,
59.9071

157.5641,
168.4974, 212.8938

■ 28.1120, 30.4434,
42.9190

194.5637,
207.8351, 260.0301

■ 18.5510, 20.1754,
29.4906

236.9446,
252.8631, 313.6559

■ 11.4484, 12.5226,
19.2035

285.0721,
303.9659, 374.1899

■ 6.4388, 7.1007,
11.6391

339.3115,

■ 3.1568, 3.5251,

361.5279, 442.0505

6.3789

400.0282,
425.9335, 517.6564

■ 1.2372, 1.4116,
3.0043

■ 0.1355, 0.2253,
1.0968

■ 75.1989, 80.7828,
106.2370

■ 75.1989, 80.7828,
106.2370

■ 65.0182, 70.5512,
104.7987

■ 86.7841, 92.0948,
107.8098

■ 56.1765, 61.3531,
103.4893

95.0500, 100.0000,
108.9000

■ 48.6128, 53.1518,
102.3049

■ 42.2582, 45.9044,
101.2409

■ 37.0366, 39.5640,
100.2923

■ 32.8625, 34.0784,
99.4535

■ 29.6361, 29.3882,
98.7182

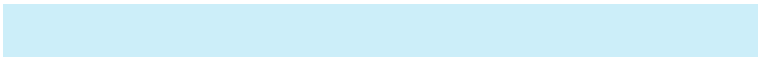
■ 27.2341, 25.4209,
98.0791

■ 26.5192, 24.1584,
97.8731

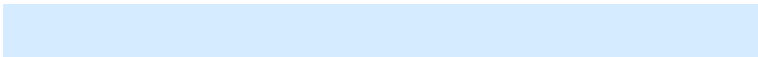
Harmonies

Analogous

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



72.4914, 80.7828, 101.1284



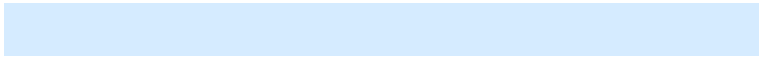
75.1989, 80.7828, 106.2370



78.4053, 80.7828, 106.2208

Triad

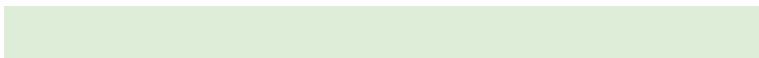
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.1989, 80.7828, 106.2370



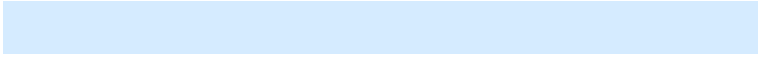
82.9183, 80.7828, 83.4215



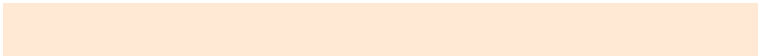
72.4783, 80.7828, 76.0205

Complementary

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



75.1989, 80.7828, 106.2370



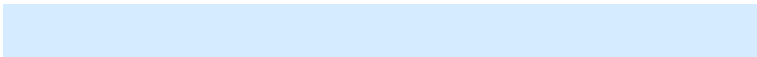
82.3887, 84.3406, 74.8894

Split Complementary

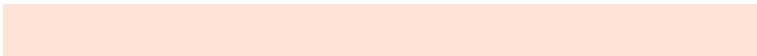
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.1806, 80.7828, 71.9198



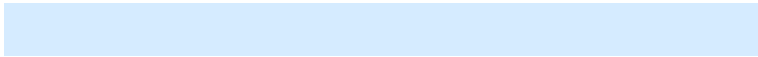
75.1989, 80.7828, 106.2370



81.2379, 80.7828, 75.9851

Square

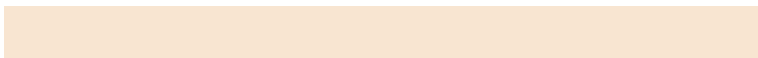
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.1989, 80.7828, 106.2370



82.9235, 80.7828, 92.6025



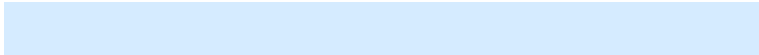
78.3864, 80.7828, 71.9073



70.9507, 80.7828, 83.4729

Rectangle

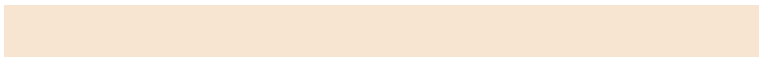
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



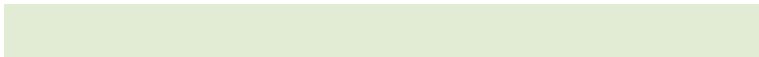
75.1989, 80.7828, 106.2370



80.3973, 80.7828, 103.2861



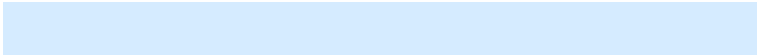
78.3864, 80.7828, 71.9073



73.2760, 80.7828, 74.2281

Sweetspot

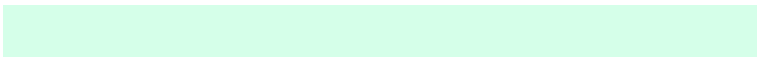
The Sweet Spot groups the original color and five complimentary colors.



75.2011, 80.7860, 106.2375



88.6078, 93.8494, 108.0524



77.8524, 91.5269, 90.3557



18.7782, 19.9074, 23.1027



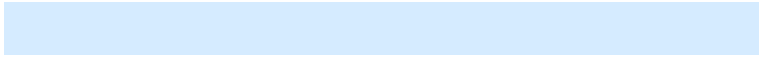
0.0000, 0.0000, 0.0000



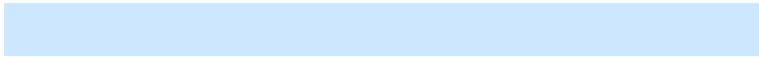
20.3446, 21.4041, 23.3091

Same Dimension

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



75.2011, 80.7860, 106.2375



71.4491, 77.0520, 105.7145



69.6398, 69.6636, 104.3837



17.7906, 18.9527, 22.9705



14.0075, 12.9246, 51.1910



1.4733, 1.4773, 5.0208

Inverse Universe

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



80.0310, 74.8482, 88.8301



77.2170, 70.1994, 84.8734



88.5656, 96.6943, 76.9484



18.4069, 18.1461, 20.7600



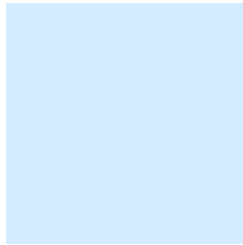
23.8585, 12.0327, 13.1715



2.3783, 1.1937, 1.5733

Previews

White Background



This preview shows how the XYZ color 75.1989, 80.7828, 106.2370 looks on a white background.

Color Contrast Check

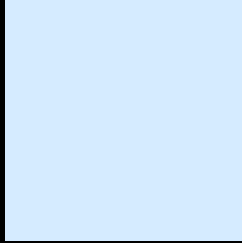
Large Text (above 18pt) WCAG AA × Fail

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 75.1989, 80.7828, 106.2370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

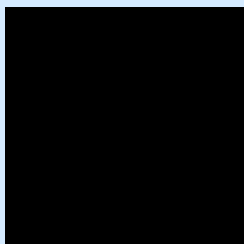
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

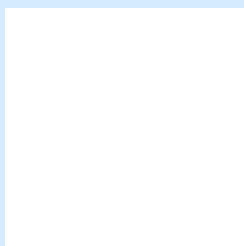
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.1989, 80.7828, 106.2370

Background



This preview shows how black text looks on a background with the XYZ color 75.1989, 80.7828, 106.2370.



This preview shows how white text looks on a background with the XYZ color 75.1989, 80.7828,

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

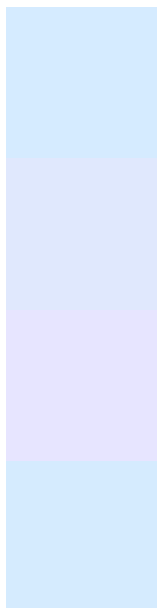




Tritanopia

75.0383, 80.7186, 105.3912

Trichromacy



Original Color

75.1989, 80.7828, 106.2370

Protanomaly

77.3267, 80.6524, 104.4204

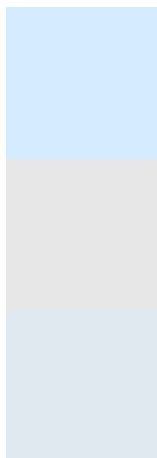
Deuteranomaly

79.0243, 80.2475, 105.9320

Tritanomaly

75.0383, 80.7186, 105.3912

Monochromacy



Original Color

75.1989, 80.7828, 106.2370

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.3253, 79.8518, 93.8809

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.1989, 80.7828, 106.2370 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(213, 235, 255)` looks like.

```
.text, #text, p{  
    color:rgb(213, 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(213, 235, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 235, 255) }
```

Border

The CSS property to change the border of an element to XYZ 75.1989, 80.7828, 106.2370 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(213, 235, 255) }
```


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

```
.border{ border-color:rgb(213, 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(213, 235, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 235, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 235, 255);  
box-shadow:4px 4px 4px 4px rgb(213, 235,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 75.1989, 80.7828, 106.2370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 235, 255) }
```

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

```
.background{ background-color: rgb(213,  
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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