

Converting Colors

XYZ(78.2372, 80.7044,
111.7385)

Have a look what the booklet for
XYZ(78.2372, 80.7044, 111.7385)
contains.

XYZ(77.0573, 80.0598, 105.9995)	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(77.0573, 80.0598,
105.9995)**

Conversions

Conversions Part 1

Format	Color
Hex	DFE7FF
RGB	223, 231, 255
RGB Percent	87%, 91%, 100%
CMY	0.1255, 0.0941, 0.0000
CMYK	0.13, 0.09, 0.00, 0.00
HSL	225°, 100%, 94%
HSV	225°, 13%, 100%
XYZ	77.0573, 80.0598, 105.9995
YIQ	231.3440, -12.4720, 5.7680

Conversions

Conversions Part 2

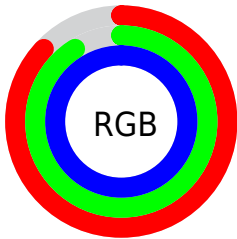
Format	Color
RYB	223, 229, 255
Decimal	14673919
CIELab	91.71, 1.95, -12.51
CIElCh	92, 12.660, 278.861
Yxy	80.0598, 0.2929, 0.3043
Android (android.graphics.Color)	4292863999 (0xFFDFE7FF)
YUV	231.3440, 11.6624, -7.3177
Hunter-Lab	89.4761, -2.8582, -7.6057

Details

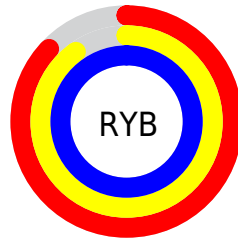
The XYZ color **77.0573, 80.0598, 105.9995** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **87.8194, 93.1075, 83.1565**, and the grayscale version is **76.1361, 80.1011, 87.2301**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.6715, 43.0620, 59.5416** is the 20% darker color. If you saturate the color by 10%, you get **64.7219, 66.1867, 103.9718**, and if you desaturate by 10%, it is **91.1649, 95.7187, 108.2784**.

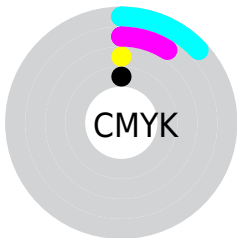
Distribution



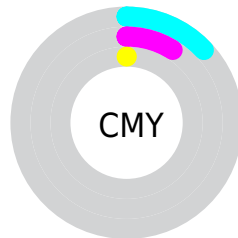
- Red (87%)
- Green (91%)
- Blue (100%)



- Red (87%)
- Yellow (90%)
- Blue (100%)



- Cyan (13%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (13%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.0573, 80.0598, 105.9995 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 77.0573, 80.0598, 105.9995 by changing the saturation by 10% instead.

■ 77.0573, 80.0598,
105.9995

■ 77.0573, 80.0598,
105.9995

473.8483,
495.1343, 600.6713

■ 57.6000, 59.7676,
80.6756

128.1928,
133.4498, 171.5012

■ 41.7292, 43.2313,
59.7451

160.6017,
167.3164, 212.5162

■ 29.0795, 30.0666,
42.7892

198.0584,
206.4765, 259.5986

■ 19.2855, 19.8892,
29.3896

240.9285,
251.3146, 313.1670

■ 11.9820, 12.3145,
19.1276

289.5771,
302.2150, 373.6399

■ 6.8035, 6.9583,
11.5848

344.3697,

■ 3.3848, 3.4360,

359.5622, 441.4359

6.3425

405.6717,
423.7405, 516.9735

■ 1.3604, 1.3634,
2.9823

■ 0.2277, 0.1895,
1.0856

■ 77.0573, 80.0598,
105.9995

■ 77.0573, 80.0598,
105.9995

■ 64.7219, 66.1867,
103.9718

■ 91.1649, 95.7187,
108.2784

■ 54.0809, 54.0252,
102.1853

95.0500, 100.0000,
108.9000

■ 45.0599, 43.5098,
100.6311

■ 37.5765, 34.5672,
99.2994

■ 31.5408, 27.1181,
98.1797

■ 26.8528, 21.0759,
97.2605

■ 23.3990, 16.3439,
96.5292

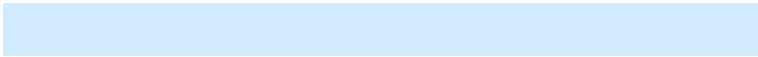
■ 21.0450, 12.8113,
95.9714

■ 19.8709, 10.8619,
95.6570

Harmonies

Analogous

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



73.8715, 80.0598, 104.8791



77.0573, 80.0598, 105.9995



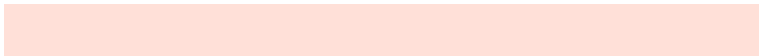
80.0673, 80.0598, 101.8034

Triad

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



77.0573, 80.0598, 105.9995



81.0452, 80.0598, 76.4576



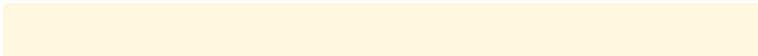
70.4349, 80.0598, 80.8990

Complementary

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



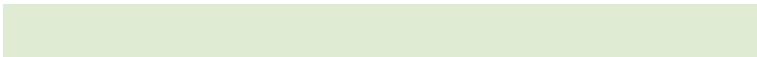
77.0573, 80.0598, 105.9995



87.8194, 93.1075, 83.1565

Split Complementary

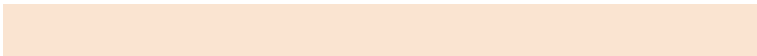
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.2552, 80.0598, 74.0135



77.0573, 80.0598, 105.9995



78.3615, 80.0598, 71.5784

Square

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



77.0573, 80.0598, 105.9995



82.4122, 80.0598, 84.4542



75.1396, 80.0598, 70.7165



70.1081, 80.0598, 89.9465

Rectangle

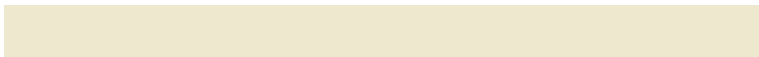
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.0573, 80.0598, 105.9995



81.5477, 80.0598, 96.7194



75.1396, 80.0598, 70.7165



70.8899, 80.0598, 78.2736

Sweetspot

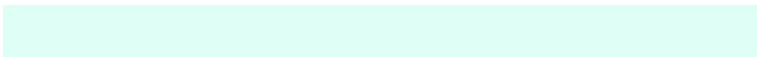
The Sweet Spot groups the original color and five complimentary colors.



77.0594, 80.0630, 106.0000



89.0047, 93.3330, 107.9318



82.8985, 93.8909, 101.3188



18.8143, 19.7158, 23.0639



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.



77.0594, 80.0630, 106.0000



73.8736, 76.4986, 105.4799



77.2219, 76.8971, 105.3803



17.3721, 18.1158, 22.8310



10.4817, 5.8730, 50.0157



1.1028, 0.7363, 4.8973

Inverse Universe

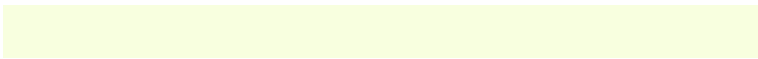
The Inverse Universe completely reimagines the original color for something new.



82.0528, 79.8063, 86.6847



79.7595, 76.2653, 82.6965



87.6259, 96.7192, 83.8638



18.1957, 18.0616, 19.6477



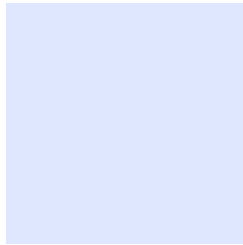
22.0789, 11.3208, 3.7998



2.1912, 1.1189, 0.5885

Previews

White Background



This preview shows how the XYZ color 77.0573, 80.0598, 105.9995 looks on a white background.

Color Contrast Check

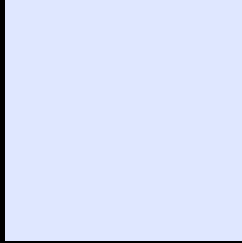
Large Text (above 18pt) WCAG AA × Fail

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 77.0573, 80.0598, 105.9995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

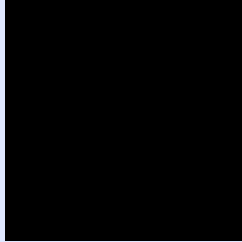
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.0573, 80.0598, 105.9995

Background



This preview shows how black text looks on a background with the XYZ color 77.0573, 80.0598, 105.9995.



This preview shows how white text looks on a background with the XYZ color 77.0573, 80.0598,

105.9995.

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

77.0573, 80.0598, 105.9995

Protanopia

77.9036, 79.6884, 105.0414

Deuteranopia

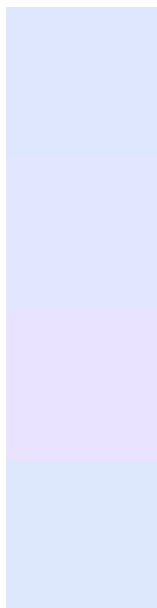
81.2508, 79.7712, 105.7227



Tritanopia

76.2361, 80.1449, 101.8939

Trichromacy



Original Color

77.0573, 80.0598, 105.9995

Protanomaly

77.5502, 79.9181, 105.1043

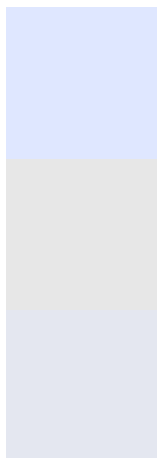
Deuteranomaly

79.4508, 79.6506, 105.7943

Tritanomaly

76.5515, 80.2711, 103.5546

Monochromacy



Original Color

77.0573, 80.0598, 105.9995

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

76.2990, 79.9371, 93.8461

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.0573, 80.0598, 105.9995 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(223, 231, 255)` looks like.

```
.text, #text, p{  
    color:rgb(223, 231, 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(223, 231, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 231, 255) }
```

Border

The CSS property to change the border of an element to XYZ 77.0573, 80.0598, 105.9995 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(223, 231, 255) }
```


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

```
.border{ border-color:rgb(223, 231, 255) }
```

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

Here you see how a box with a 4 pixel rgb(223, 231, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 231, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 231, 255);  
box-shadow:4px 4px 4px 4px rgb(223, 231,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 77.0573, 80.0598, 105.9995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 231, 255) }
```

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

```
.background{ background-color: rgb(223,  
231, 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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