

Converting Colors

XYZ(75.0816, 79.5770,
103.8743)

Have a look what the booklet for
XYZ(75.0816, 79.5770, 103.8743)
contains.

XYZ(75.0426, 79.4932, 103.4840)	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(75.0426, 79.4932,
103.4840)**

Conversions

Conversions Part 1

Format	Color
Hex	D9E8FC
RGB	217, 232, 252
RGB Percent	85%, 91%, 99%
CMY	0.1490, 0.0902, 0.0118
CMYK	0.14, 0.08, 0.00, 0.01
HSL	214°, 85%, 92%
HSV	214°, 14%, 99%
XYZ	75.0426, 79.4932, 103.4840
YIQ	229.7950, -15.3600, 3.0400

Conversions

Conversions Part 2

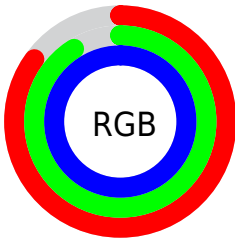
Format	Color
R _Y B	217, 228, 252
Decimal	14280956
CIE Lab	91.46, -1.05, -11.37
CIE LCh	91, 11.416, 264.716
Yxy	79.4932, 0.2908, 0.3081
Android (android.graphics.Color)	4292471036 (0xFFD9E8FC)
YUV	229.7950, 10.9471, -11.2212
Hunter-Lab	89.1590, -5.7897, -6.4048

Details

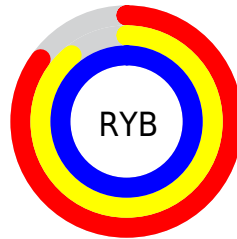
The XYZ color **75.0426, 79.4932, 103.4840** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.9540, 86.2734, 77.9276**, and the grayscale version is **74.9940, 78.8995, 85.9216**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.2760, 42.6722, 57.7435** is the 20% darker color. If you saturate the color by 10%, you get **64.2287, 68.1483, 101.8654**, and if you desaturate by 10%, it is **87.3370, 92.0984, 105.2703**.

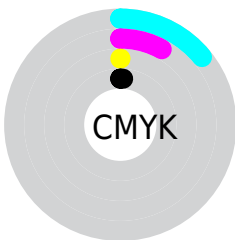
Distribution



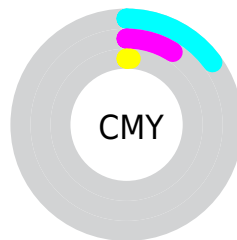
- Red (85%)
- Green (91%)
- Blue (99%)



- Red (85%)
- Yellow (89%)
- Blue (99%)



- Cyan (14%)
- Magenta (8%)
- Yellow (0%)
- Black (1%)



- Cyan (15%)
- Magenta (9%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.0426, 79.4932, 103.4840 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 75.0426, 79.4932, 103.4840 by changing the saturation by 10% instead.

■ 75.0426, 79.4932,
103.4840

■ 75.0426, 79.4932,
103.4840

467.0589,
493.2232, 592.6477

■ 55.9421, 59.3014,
78.5803

125.3602,
132.6530, 168.0303

■ 40.3933, 42.8558,
58.0315

157.3081,
166.3897, 208.5100

■ 28.0309, 29.7720,
41.4191

194.2691,
205.4102, 255.0188

■ 18.4895, 19.6656,
28.3246

236.6086,
250.0989, 307.9751

■ 11.4038, 12.1522,
18.3293

284.6920,
300.8402, 367.7977

■ 6.4084, 6.8474,
11.0148

338.8846,

■ 3.1380, 3.3669,

358.0184, 434.9049

5.9625

399.5518,
422.0179, 509.7154

■ 1.2272, 1.3261,
2.7539

■ 0.1276, 0.1613,
0.9704

■ 75.0426, 79.4932,
103.4840

■ 75.0426, 79.4932,
103.4840

■ 64.2287, 68.1483,
101.8654

■ 87.3370, 92.0984,
105.2703

■ 54.8287, 58.0113,
100.4042

94.5709, 99.8084,
106.3772

■ 46.7809, 49.0403,
99.0968

■ 40.0162, 41.1872,
97.9375

■ 34.4589, 34.3994,
96.9203

■ 30.0243, 28.6196,
96.0384

■ 26.6153, 23.7832,
95.2845

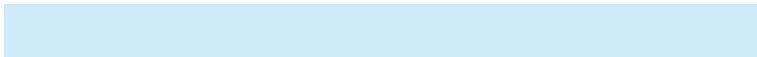
■ 24.1150, 19.8143,
94.6502

■ 22.9358, 17.7581,
94.3155

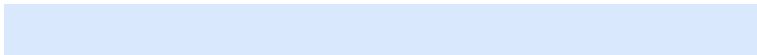
Harmonies

Analogous

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



72.3746, 79.4932, 100.2833



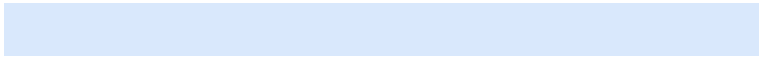
75.0426, 79.4932, 103.4840



77.9160, 79.4932, 101.9174

Triad

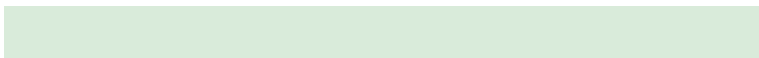
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.0426, 79.4932, 103.4840



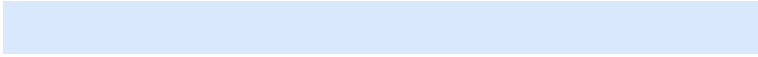
80.7453, 79.4932, 80.0355



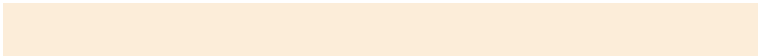
71.0866, 79.4932, 77.6377

Complementary

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



75.0426, 79.4932, 103.4840



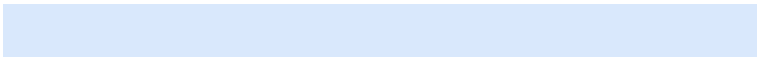
82.9540, 86.2734, 77.9276

Split Complementary

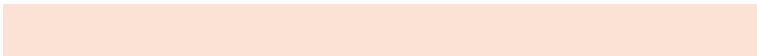
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.2440, 79.4932, 72.8188



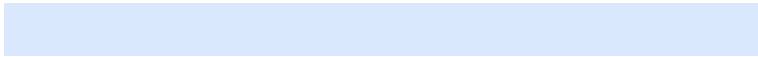
75.0426, 79.4932, 103.4840



78.8291, 79.4932, 74.1398

Square

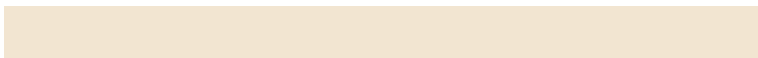
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.0426, 79.4932, 103.4840



81.2565, 79.4932, 88.0364



76.0715, 79.4932, 71.5802



70.1284, 79.4932, 85.0895

Rectangle

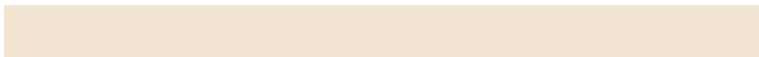
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



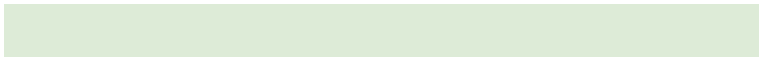
75.0426, 79.4932, 103.4840



79.5552, 79.4932, 98.4292



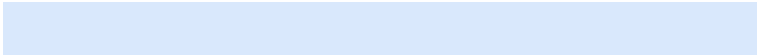
76.0715, 79.4932, 71.5802



71.6929, 79.4932, 75.6756

Sweetspot

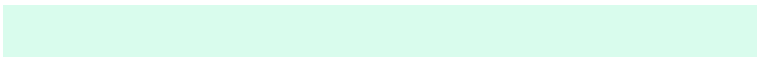
The Sweet Spot groups the original color and five complimentary colors.



75.0450, 79.4965, 103.4858



89.5654, 94.4544, 108.1187



78.6889, 90.4786, 93.3114



18.9560, 19.9990, 23.1111



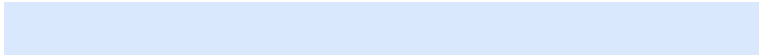
0.0000, 0.0000, 0.0000



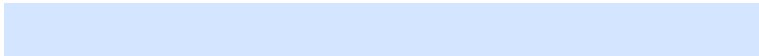
20.3446, 21.4041, 23.3091

Same Dimension

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



75.0450, 79.4965, 103.4858



73.4621, 77.8880, 105.7698



71.6990, 71.7676, 102.1703



16.8948, 17.8665, 21.9434



12.0868, 9.5292, 49.1758



1.2223, 1.0883, 4.5888

Inverse Universe

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



79.5251, 76.1492, 86.8545



79.0116, 73.8984, 85.1334



86.6411, 94.8944, 79.3973



17.5534, 17.3487, 19.5042



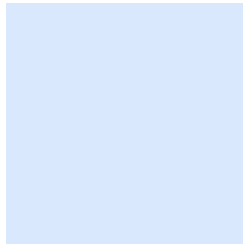
22.3929, 11.3729, 8.7774



2.1259, 1.0741, 1.0863

Previews

White Background



This preview shows how the XYZ color 75.0426, 79.4932, 103.4840 looks on a white background.

Color Contrast Check

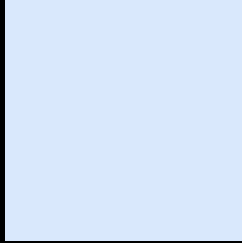
Large Text (above 18pt) WCAG AA × Fail

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 75.0426, 79.4932, 103.4840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

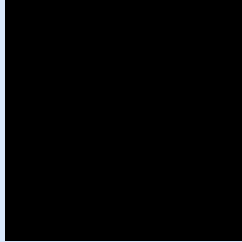
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

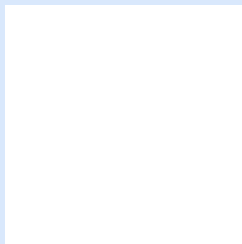
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.0426, 79.4932, 103.4840

Background



This preview shows how black text looks on a background with the XYZ color 75.0426, 79.4932, 103.4840.



This preview shows how white text looks on a background with the XYZ color 75.0426, 79.4932,

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

75.0426, 79.4932, 103.4840

Protanopia

77.5877, 79.5988, 101.7173

Deuteranopia

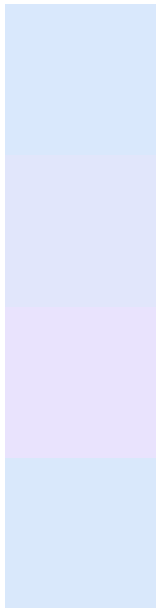
81.1630, 79.3443, 104.8032



Tritanopia

74.8845, 79.4300, 102.6515

Trichromacy



Original Color

75.0426, 79.4932, 103.4840

Protanomaly

76.7607, 79.5662, 102.5789

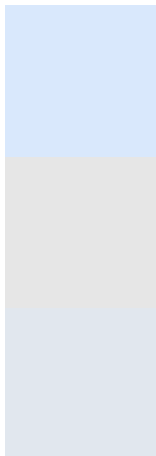
Deuteranomaly

78.8030, 79.3537, 104.0919

Tritanomaly

74.8845, 79.4300, 102.6515

Monochromacy



Original Color

75.0426, 79.4932, 103.4840

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.0599, 79.3324, 92.2455

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.0426, 79.4932, 103.4840 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(217, 232, 252)` looks like.

```
.text, #text, p{  
    color:rgb(217, 232, 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(217, 232, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 232, 252) }
```

Border

The CSS property to change the border of an element to XYZ 75.0426, 79.4932, 103.4840 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(217, 232, 252) }
```


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

```
.border{ border-color:rgb(217, 232, 252) }
```

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

Here you see how a box with a 4 pixel rgb(217, 232, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 232, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 232, 252);  
box-shadow:4px 4px 4px 4px rgb(217, 232,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 75.0426, 79.4932, 103.4840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 232, 252) }
```

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

```
.background{ background-color: rgb(217,  
232, 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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