

Converting Colors

XYZ(75.2475, 82.4992,
103.3523)

Have a look what the booklet for
XYZ(75.2475, 82.4992, 103.3523)
contains.

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Color

**XYZ(75.4305, 82.6951,
103.2529)**

Conversions

Conversions Part 1

Format	Color
Hex	D4EFFB
RGB	212, 239, 251
RGB Percent	83%, 94%, 98%
CMY	0.1686, 0.0627, 0.0157
CMYK	0.16, 0.05, 0.00, 0.02
HSL	198°, 83%, 91%
HSV	198°, 16%, 98%
XYZ	75.4305, 82.6951, 103.2529
YIQ	232.2950, -19.9440, -1.9920

Conversions

Conversions Part 2

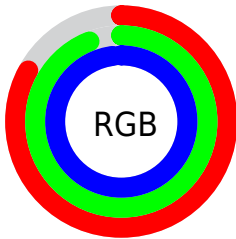
Format	Color
R_{YB}	212, 228, 251
Decimal	13955067
CIE _{Lab}	92.88, -6.39, -8.77
CIE _{LCh}	93, 10.850, 233.895
Yxy	82.6951, 0.2886, 0.3164
Android (android.graphics.Color)	4292145147 (0xFFD4E _{FFB})
YUV	232.2950, 9.2216, -17.7987
Hunter-Lab	90.9368, -11.0769, -3.6642

Details

The XYZ color **75.4305, 82.6951, 103.2529** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **78.3236, 78.5739, 73.3272**, and the grayscale version is **76.8685, 80.8716, 88.0692**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.6884, 44.9752, 58.1663** is the 20% darker color. If you saturate the color by 10%, you get **66.5379, 74.8285, 102.2045**, and if you desaturate by 10%, it is **85.5493, 91.3415, 104.3898**.

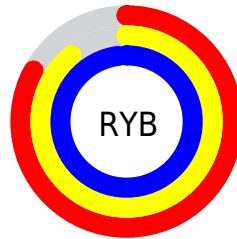
Distribution



Red (83%)

Green (94%)

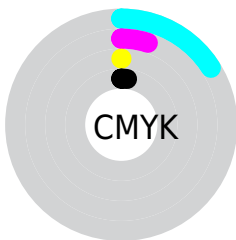
Blue (98%)



Red (83%)

Yellow (89%)

Blue (98%)

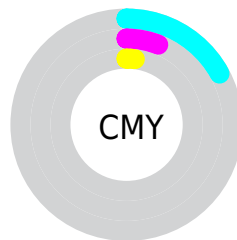


Cyan (16%)

Magenta (5%)

Yellow (0%)

Black (2%)



Cyan (17%)

Magenta (6%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.4305, 82.6951, 103.2529 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 75.4305, 82.6951, 103.2529 by changing the saturation by 10% instead.

75.4305, 82.6951,
103.2529

75.4305, 82.6951,
103.2529

468.3704,
503.9698, 591.9077

56.2611, 61.9387,
78.3880

125.9062,
137.1483, 167.7110

40.6501, 44.9831,
57.8744

157.9432,
171.6139, 208.1413

28.2322, 31.4441,
41.2936

195.0001,
211.4180, 254.5970

18.6421, 20.9373,
28.2272

237.4422,
256.9450, 307.4969

11.5145, 13.0782,
18.2564

285.6350,
308.5793, 367.2593

6.4838, 7.4824,
10.9629

339.9437,

3.1849, 3.7656,

366.7052, 434.3029

5.9280

400.7337,
431.7073, 509.0462

■ 1.2523, 1.5433,
2.7333

■ 0.1470, 0.3189,
0.9601

■ 75.4305, 82.6951,
103.2529

■ 75.4305, 82.6951,
103.2529

■ 66.5379, 74.8285,
102.2045

■ 85.5493, 91.3415,
104.3898

■ 58.8113, 67.7025,
101.2363

■ 94.2367, 99.3929,
105.4860

■ 52.1959, 61.2891,
100.3470

■ 94.4128, 99.7451,
105.5447

■ 46.6297, 55.5545,
99.5335

■ 42.0439, 50.4614,
98.7922

■ 38.3611, 45.9680,
98.1189

■ 35.4910, 42.0258,
97.5093

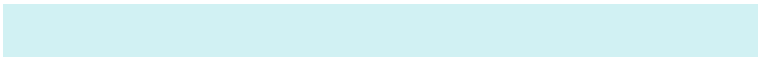
■ 33.3224, 38.5754,
96.9576

■ 32.5085, 37.1564,
96.7266

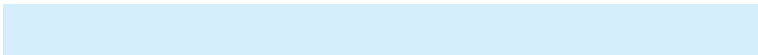
Harmonies

Analogous

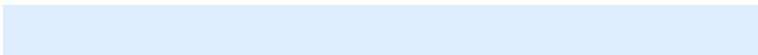
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.7197, 82.6951, 96.5141



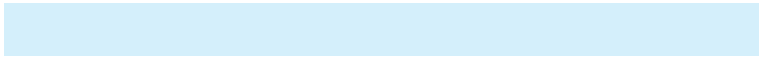
75.4305, 82.6951, 103.2529



78.0209, 82.6951, 106.4739

Triad

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



75.4305, 82.6951, 103.2529



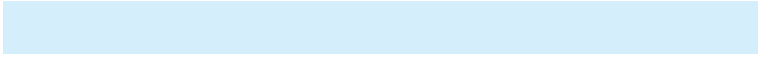
84.1452, 82.6951, 91.7114



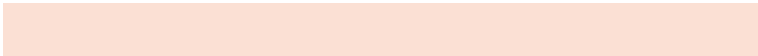
76.4117, 82.6951, 76.5078

Complementary

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



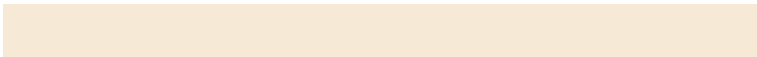
75.4305, 82.6951, 103.2529



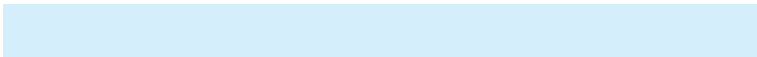
78.3236, 78.5739, 73.3272

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.



79.1804, 82.6951, 75.3922



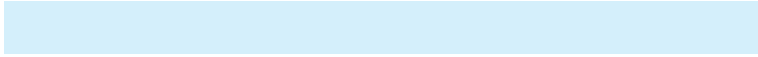
75.4305, 82.6951, 103.2529



83.6894, 82.6951, 83.8638

Square

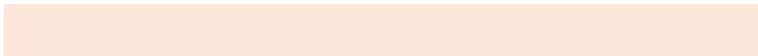
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.4305, 82.6951, 103.2529



83.0864, 82.6951, 99.5575



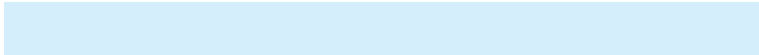
81.8554, 82.6951, 78.0070



74.2766, 82.6951, 81.1510

Rectangle

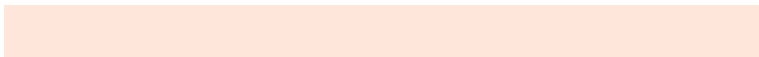
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.4305, 82.6951, 103.2529



79.9156, 82.6951, 106.0625



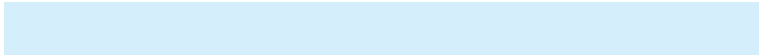
81.8554, 82.6951, 78.0070



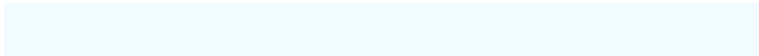
77.2973, 82.6951, 75.7199

Sweetspot

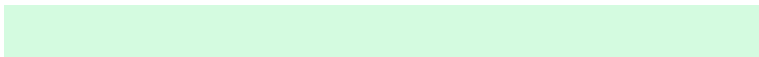
The Sweet Spot groups the original color and five complimentary colors.



75.4329, 82.6985, 103.2548



89.2754, 95.1846, 108.2749



75.0640, 88.3584, 83.4081



18.9406, 20.2322, 23.1569



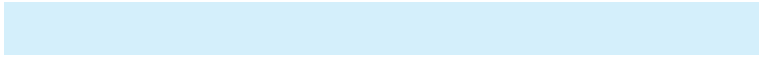
0.0000, 0.0000, 0.0000



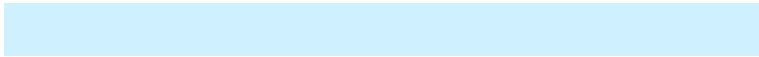
20.3446, 21.4041, 23.3091

Same Dimension

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



75.4329, 82.6985, 103.2548



74.8450, 82.7975, 106.6445



70.1063, 72.0453, 101.4792



17.2889, 18.6547, 22.0748



17.2226, 19.8009, 50.8878



1.6890, 2.0217, 4.7444

Inverse Universe

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



78.9091, 73.8301, 91.7569



79.1864, 71.9649, 92.2301



83.7792, 89.4851, 75.1458



17.7524, 17.4283, 20.5517



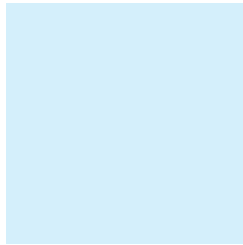
24.9852, 12.4098, 22.4284



2.3615, 1.1683, 2.3268

Previews

White Background



This preview shows how the XYZ color 75.4305, 82.6951, 103.2529 looks on a white background.

Color Contrast Check

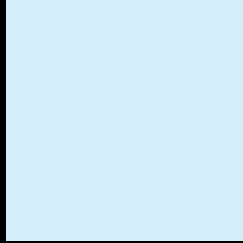
Large Text (above 18pt) WCAG AA × Fail

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 75.4305, 82.6951, 103.2529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

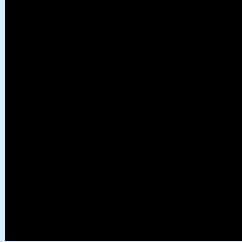
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

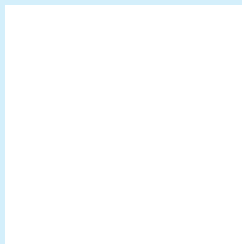
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.4305, 82.6951, 103.2529

Background



This preview shows how black text looks on a background with the XYZ color 75.4305, 82.6951, 103.2529.

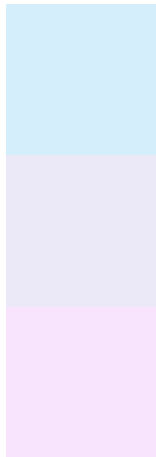


This preview shows how white text looks on a background with the XYZ color 75.4305, 82.6951,

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

75.4305, 82.6951, 103.2529

Protanopia

80.1884, 82.6554, 99.7234

Deuteranopia

84.1844, 82.5351, 104.4224



Tritanopia

76.6489, 82.8161, 106.5530

Trichromacy



Original Color

75.4305, 82.6951, 103.2529

Protanomaly

78.3302, 82.5249, 100.6074

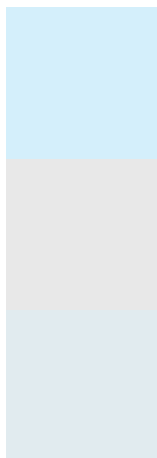
Deuteranomaly

80.6882, 82.4037, 103.7482

Tritanomaly

76.1955, 82.6010, 105.6936

Monochromacy



Original Color

75.4305, 82.6951, 103.2529

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

76.3397, 81.6562, 93.3990

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.4305, 82.6951, 103.2529 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(212, 239, 251)` looks like.

```
.text, #text, p{  
    color:rgb(212, 239, 251)  
}
```

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(212, 239, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 239, 251) }
```

Border

The CSS property to change the border of an element to XYZ 75.4305, 82.6951, 103.2529 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(212, 239, 251) }
```


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

```
.border{ border-color:rgb(212, 239, 251) }
```

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

Here you see how a box with a 4 pixel rgb(212, 239, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 239, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 239, 251);  
box-shadow:4px 4px 4px 4px rgb(212, 239,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 75.4305, 82.6951, 103.2529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 239, 251) }
```

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

```
.background{ background-color: rgb(212,  
239, 251) }
```

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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