

# Converting Colors

XYZ(75.1444, 82.9670,  
105.8576)

Have a look what the booklet for  
XYZ(75.1444, 82.9670, 105.8576)  
contains.

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# Color

**XYZ(75.0619, 82.8858,  
105.8083)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D0F0FE
RGB	208, 240, 254
RGB Percent	82%, 94%, 100%
CMY	0.1843, 0.0588, 0.0039
CMYK	0.18, 0.06, 0.00, 0.00
HSL	198°, 96%, 91%
HSV	198°, 18%, 100%
XYZ	75.0619, 82.8858, 105.8083
YIQ	232.0280, -23.5660, -2.4300

# Conversions

## Conversions Part 2

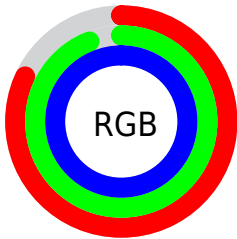
Format	Color
R <sub>Y</sub> B	208, 227, 254
Decimal	13693182
CIE Lab	92.96, -7.51, -10.23
CIE LCh	93, 12.690, 233.719
Yxy	82.8858, 0.2846, 0.3143
Android (android.graphics.Color)	4291883262 (0xFFD0F0FE)
YUV	232.0280, 10.8322, -21.0726
Hunter-Lab	91.0416, -12.1534, -5.1775

# Details

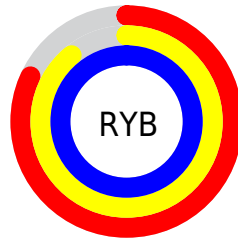
The XYZ color **75.0619, 82.8858, 105.8083** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **78.3802, 77.8675, 70.5751**, and the grayscale version is **76.6588, 80.6510, 87.8290**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.3554, 45.0845, 59.3985** is the 20% darker color. If you saturate the color by 10%, you get **66.2581, 75.0432, 104.7599**, and if you desaturate by 10%, it is **85.1112, 91.5186, 106.9463**.

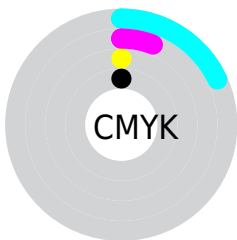
# Distribution



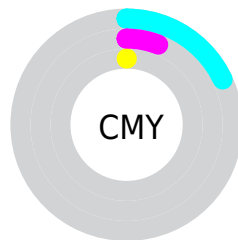
- Red (82%)
- Green (94%)
- Blue (100%)



- Red (82%)
- Yellow (89%)
- Blue (100%)



- Cyan (18%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (6%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 75.0619, 82.8858, 105.8083 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 75.0619, 82.8858, 105.8083 by changing the saturation by 10% instead.



75.0619, 82.8858,  
105.8083

75.0619, 82.8858,  
105.8083

467.1242,  
504.6058, 600.0634

55.9580, 62.0959,  
80.5163

125.3874,  
137.4155, 171.2377

40.4061, 45.1102,  
59.6146

157.3397,  
171.9241, 212.2122

28.0409, 31.5443,  
42.6848

194.3055,  
211.7745, 259.2512

18.4971, 21.0136,  
29.3083

236.6501,  
257.3510, 312.7733

11.4093, 13.1340,  
19.0666

284.7389,  
309.0379, 373.1970

6.4122, 7.5209,  
11.5411

338.9373,

3.1403, 3.7899,

367.2198, 440.9409

6.3133

399.6106,  
432.2810, 516.4235

■ 1.2284, 1.5568,  
2.9647

■ 0.1286, 0.3282,  
1.0766

■ 75.0619, 82.8858,  
105.8083

■ 75.0619, 82.8858,  
105.8083

■ 66.2581, 75.0432,  
104.7599

■ 85.1112, 91.5186,  
106.9463

■ 58.6368, 67.9503,  
103.7925

94.8896, 99.9359,  
108.0556

■ 52.1405, 61.5776,  
102.9048

■ 46.7039, 55.8896,  
102.0935

■ 42.2540, 50.8470,  
101.3547

■ 38.7083, 46.4051,  
100.6842

■ 35.9695, 42.5119,  
100.0771

■ 33.9048, 39.0970,  
99.5268

■ 33.5552, 38.4870,  
99.4274

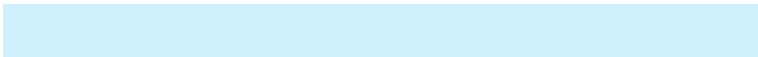
# Harmonies

## Analogous

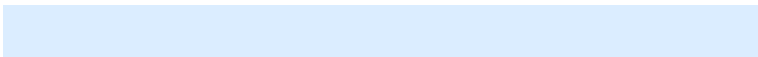
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.0777, 82.8858, 97.8067



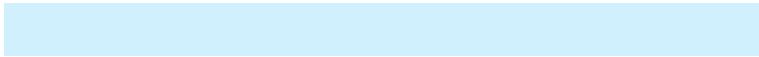
75.0619, 82.8858, 105.8083



78.0839, 82.8858, 109.6746

# Triad

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



75.0619, 82.8858, 105.8083



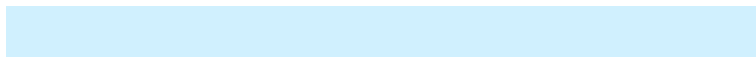
85.2998, 82.8858, 92.2641



76.2396, 82.8858, 74.5194

# Complementary

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



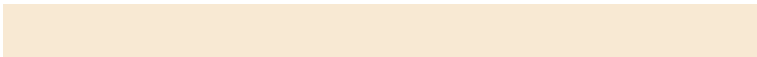
75.0619, 82.8858, 105.8083



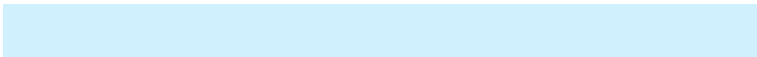
78.3802, 77.8675, 70.5751

# Split Complementary

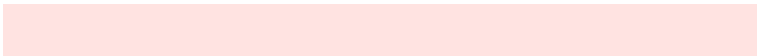
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.4811, 82.8858, 73.2635



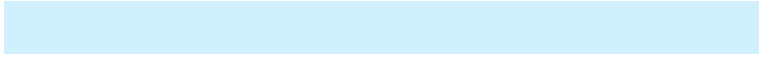
75.0619, 82.8858, 105.8083



84.7725, 82.8858, 83.0902

# Square

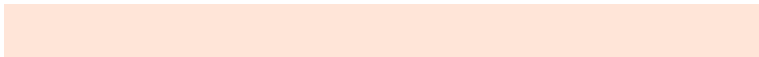
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



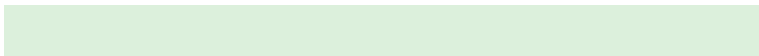
75.0619, 82.8858, 105.8083



84.0410, 82.8858, 101.5087



82.6199, 82.8858, 76.2943

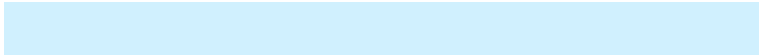


73.7441, 82.8858, 79.8535



# Rectangle

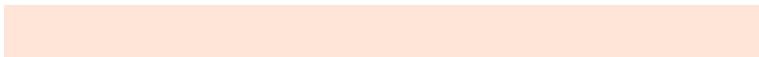
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.0619, 82.8858, 105.8083



80.3046, 82.8858, 109.2061



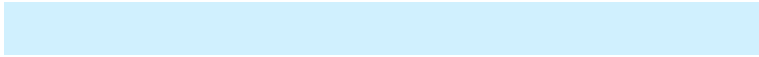
82.6199, 82.8858, 76.2943



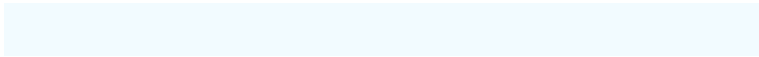
77.2757, 82.8858, 73.6226

# Sweetspot

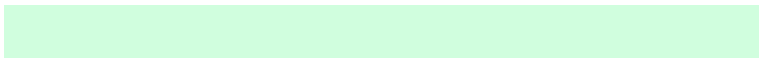
The Sweet Spot groups the original color and five complimentary colors.



75.0644, 82.8892, 105.8102



89.2886, 95.2111, 108.2793



74.6138, 89.5582, 82.3223



18.9438, 20.2386, 23.1579



0.0000, 0.0000, 0.0000

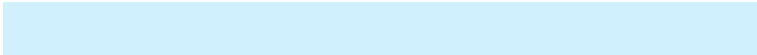


20.3446, 21.4041, 23.3091

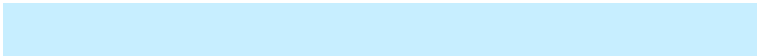


# Same Dimension

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



75.0644, 82.8892, 105.8102



72.1307, 80.4566, 106.3357



68.7679, 70.2963, 103.7113



18.0610, 19.4936, 23.0607



17.8267, 20.5630, 52.4641



1.8322, 2.1950, 5.1404



# Inverse Universe

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



79.1591, 72.4757, 92.2590



77.0627, 68.2298, 89.9428



84.8516, 90.8103, 72.7322



18.5434, 18.2007, 21.4789



25.7863, 12.8038, 23.3229

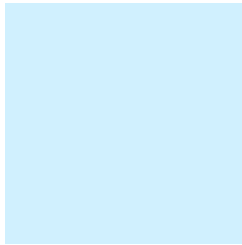


2.5594, 1.2661, 2.5272



# Previews

## White Background



This preview shows how the XYZ color 75.0619, 82.8858, 105.8083 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

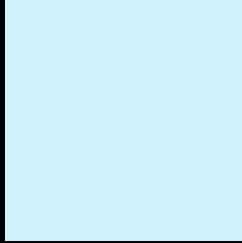
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 75.0619, 82.8858, 105.8083 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 75.0619, 82.8858, 105.8083

## Background



This preview shows how black text looks on a background with the XYZ color 75.0619, 82.8858, 105.8083.



This preview shows how white text looks on a background with the XYZ color 75.0619, 82.8858,



# 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

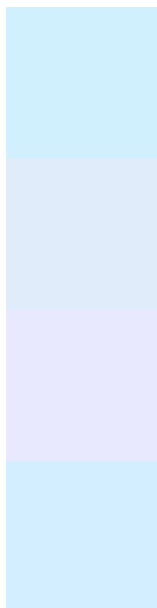




## Tritanopia

76.3571, 83.0991, 106.6230

# Trichromacy



## Original Color

75.0619, 82.8858, 105.8083

## Protanomaly

78.4594, 82.9635, 103.1451

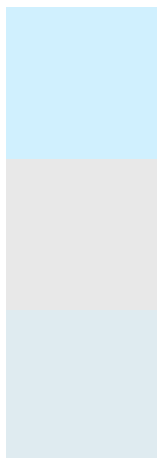
## Deuteranomaly

80.1853, 82.0890, 106.2263

## Tritanomaly

75.7805, 82.8019, 106.5960

# Monochromacy



## Original Color

75.0619, 82.8858, 105.8083

## Achromatopsia

76.7008, 80.6952, 87.8771

## Achromatomaly

75.8679, 81.3959, 94.1504

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 75.0619, 82.8858, 105.8083 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(208, 240, 254)` looks like.

```
.text, #text, p{  
    color:rgb(208, 240, 254)  
}
```

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(208, 240, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 240, 254) }
```

## Border

The CSS property to change the border of an element to XYZ 75.0619, 82.8858, 105.8083 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(208, 240, 254) }
```



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

```
.border{ border-color:rgb(208, 240, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 240, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 240, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 240, 254);  
box-shadow:4px 4px 4px 4px rgb(208, 240,  
254) }
```

# Background

The CSS property to change the background color of an element to XYZ 75.0619, 82.8858, 105.8083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 240, 254) }
```

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

```
.background{ background-color: rgb(208,  
240, 254) }
```

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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