

# Converting Colors

XYZ(74.0353, 82.1704, 94.3965)

Have a look what the booklet for  
XYZ(74.0353, 82.1704, 94.3965)  
contains.

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# Color

**XYZ(74.0353, 82.1704,  
94.3965)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D5EFF0
RGB	213, 239, 240
RGB Percent	84%, 94%, 94%
CMY	0.1647, 0.0627, 0.0588
CMYK	0.11, 0.00, 0.00, 0.06
HSL	182°, 47%, 89%
HSV	182°, 11%, 94%
XYZ	74.0353, 82.1704, 94.3965
YIQ	231.3400, -15.8170, -5.2010

# Conversions

## Conversions Part 2

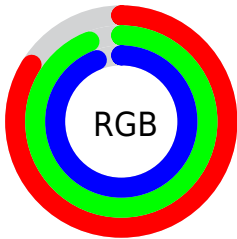
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	213, 226, 240
Decimal	14020592
CIE Lab	92.65, -8.27, -3.38
CIE LCh	93, 8.934, 202.213
Yxy	82.1704, 0.2954, 0.3279
Android (android.graphics.Color)	4292210672 (0xFFD5EFF0)
YUV	231.3400, 4.2694, -16.0842
Hunter-Lab	90.6479, -12.8466, 1.7117

# Details

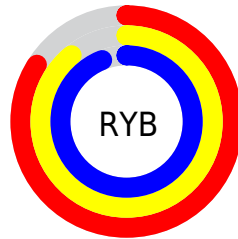
The XYZ color **74.0353, 82.1704, 94.3965** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **71.9926, 71.4224, 72.9438**, and the grayscale version is **76.1884, 80.1562, 87.2901**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.6858, 44.5968, 51.8638** is the 20% darker color. If you saturate the color by 10%, you get **67.3245, 78.3290, 94.0100**, and if you desaturate by 10%, it is **81.7823, 86.5523, 94.8353**.

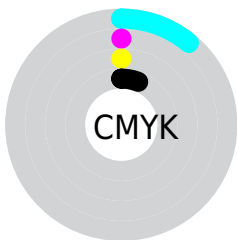
# Distribution



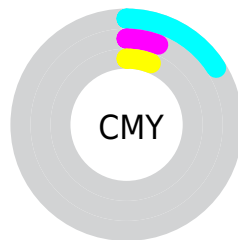
- Red (84%)
- Green (94%)
- Blue (94%)



- Red (84%)
- Yellow (89%)
- Blue (94%)



- Cyan (11%)
- Magenta (0%)
- Yellow (0%)
- Black (6%)



- Cyan (16%)
- Magenta (6%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 74.0353, 82.1704, 94.3965 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 74.0353, 82.1704, 94.3965 by changing the saturation by 10% instead.



74.0353, 82.1704,  
94.3965

74.0353, 82.1704,  
94.3965

463.6436,  
502.2175, 563.1660

55.1143, 61.5060,  
71.0387

123.9411,  
136.4129, 155.4190

39.7275, 44.6337,  
51.8917

155.6566,  
170.7599, 193.9207

27.5094, 31.1690,  
36.5371

192.3676,  
210.4364, 238.3075

18.0947, 20.7275,  
24.5563

234.4396,  
255.8270, 288.9979

11.1181, 12.9250,  
15.5308

282.2378,  
307.3160, 346.4104

6.2142, 7.3769,  
9.0420

336.1277,

3.0177, 3.6989,

365.2878, 410.9635

4.6714

396.4745,  
430.1269, 483.0759

■ 1.1631, 1.5066,  
2.0004

■ 0.0769, 0.2934,  
0.5556

■ 74.0353, 82.1704,  
94.3965

■ 74.0353, 82.1704,  
94.3965

■ 67.3245, 78.3290,  
94.0100

■ 81.7823, 86.5523,  
94.8353

■ 61.5977, 74.9945,  
93.6682


■ 88.3577, 90.3299,  
95.2179


■ 56.8088, 72.1454,  
93.3707


■ 88.6203, 90.8551,  
95.3054


■ 52.9054, 69.7547,  
93.1150


■ 88.8841, 91.3827,  
95.3933


 49.8297, 67.7925,  
92.8984


 89.1492, 91.9130,  
95.4817


 47.5173, 66.2257,  
92.7178


 89.4156, 92.4458,  
95.5705


 45.8941, 65.0161,  
92.5699

 89.6833, 92.9811,  
95.6597

 44.8712, 64.1178,  
92.4504

 89.9523, 93.5190,  
95.7494

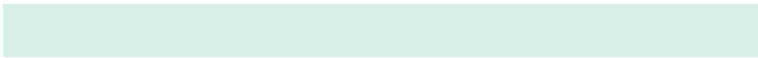
 44.3443, 63.5231,  
92.3634

 90.2225, 94.0595,  
95.8395

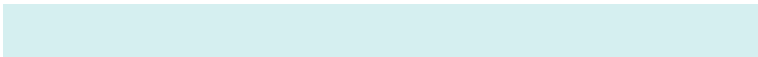
# Harmonies

## Analogous

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



73.7553, 82.1704, 87.7464



74.0353, 82.1704, 94.3965



75.3937, 82.1704, 99.9717

# Triad

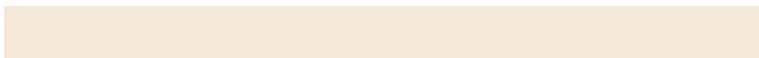
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.0353, 82.1704, 94.3965



81.6863, 82.1704, 97.5443



78.7077, 82.1704, 77.3770

# Complementary

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



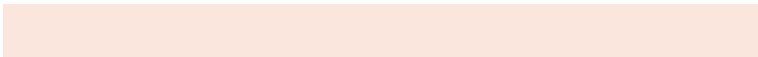
74.0353, 82.1704, 94.3965



71.9926, 71.4224, 72.9438

# 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.



80.8713, 82.1704, 79.7300



74.0353, 82.1704, 94.3965



82.6130, 82.1704, 91.2153

# Square

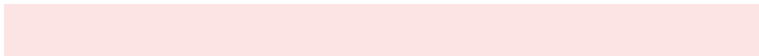
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.0353, 82.1704, 94.3965



79.8024, 82.1704, 101.8510



82.3119, 82.1704, 84.7172



76.4230, 82.1704, 78.1346

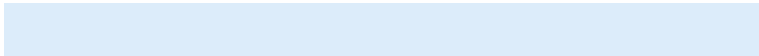


# Rectangle

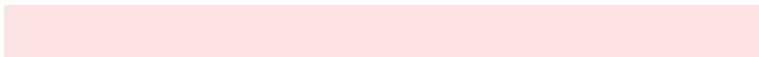
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



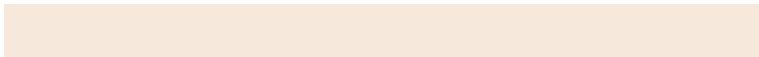
74.0353, 82.1704, 94.3965



76.7431, 82.1704, 102.2200



82.3119, 82.1704, 84.7172



79.4739, 82.1704, 77.8262

# Sweetspot

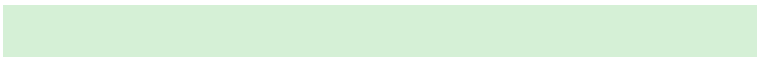
The Sweet Spot groups the original color and five complimentary colors.



74.0377, 82.1738, 94.3983



92.2013, 98.3978, 108.7409



70.7270, 81.3177, 75.5211



19.5759, 20.9716, 23.2661



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

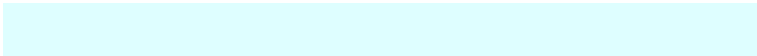


# Same Dimension

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



74.0377, 82.1738, 94.3983



83.4992, 93.4677, 108.2479



70.2579, 74.6144, 93.1384



16.1944, 17.8230, 20.3083



24.2970, 34.8183, 50.5679



2.0368, 2.9276, 4.2119



# Inverse Universe

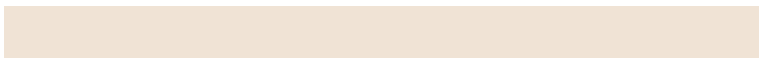
The Inverse Universe completely reimagines the original color for something new.



75.3113, 72.3475, 91.6604



85.1750, 80.5643, 104.6395



75.5255, 78.4881, 74.1214



16.4276, 16.0207, 19.8079



27.5896, 13.3083, 42.6171

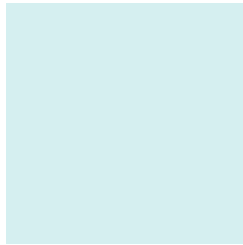


2.3030, 1.1103, 3.5865



# Previews

## White Background



This preview shows how the XYZ color 74.0353, 82.1704, 94.3965 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

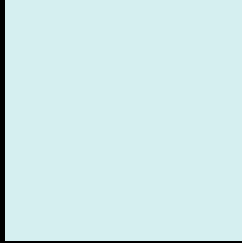
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 74.0353, 82.1704, 94.3965 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

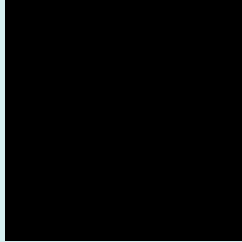
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 74.0353, 82.1704, 94.3965**

## **Background**



This preview shows how black text looks on a background with the XYZ color 74.0353, 82.1704, 94.3965.



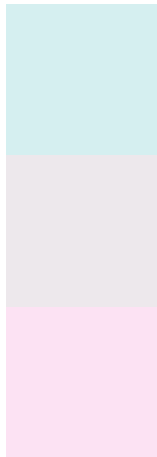
This preview shows how white text looks on a background with the XYZ color 74.0353, 82.1704,

94.3965.

# 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

74.0353, 82.1704, 94.3965

### Protanopia

78.9220, 81.7739, 90.9812

### Deuteranopia

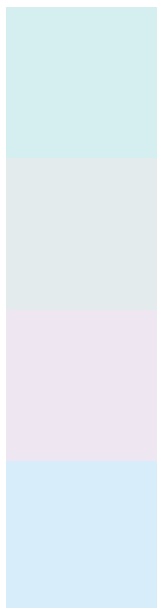
83.5189, 81.5592, 96.1346



## Tritanopia

76.6531, 82.3873, 106.4700

# Trichromacy



## Original Color

74.0353, 82.1704, 94.3965

## Protanomaly

76.9893, 82.0251, 91.8954

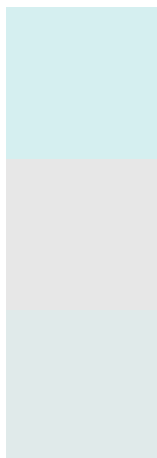
## Deuteranomaly

79.8628, 81.7398, 95.5725

## Tritanomaly

75.8542, 82.4983, 102.3683

# Monochromacy



## Original Color

74.0353, 82.1704, 94.3965

## Achromatopsia

75.9547, 79.9103, 87.0223

## Achromatomaly

75.0146, 80.6334, 89.4520

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 74.0353, 82.1704, 94.3965 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, 239, 240)` looks like.

```
.text, #text, p{  
    color:rgb(213, 239, 240)  
}
```

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, 239, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 239, 240) }
```

## Border

The CSS property to change the border of an element to XYZ 74.0353, 82.1704, 94.3965 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, 239, 240) }
```



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

```
.border{ border-color:rgb(213, 239, 240) }
```

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

Here you see how a box with a 4 pixel rgb(213, 239, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 239, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 239, 240);  
box-shadow:4px 4px 4px 4px rgb(213, 239,  
240) }
```

# Background

The CSS property to change the background color of an element to XYZ 74.0353, 82.1704, 94.3965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 239, 240) }
```

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

```
.background{ background-color: rgb(213,  
239, 240) }
```

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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