

# Converting Colors

XYZ(74.4417, 82.9918, 95.0164)

Have a look what the booklet for  
XYZ(74.4417, 82.9918, 95.0164)  
contains.

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# Color

**XYZ(74.4778, 82.8172,  
95.2790)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D5F0F1
RGB	213, 240, 241
RGB Percent	84%, 94%, 95%
CMY	0.1647, 0.0588, 0.0549
CMYK	0.12, 0.00, 0.00, 0.05
HSL	182°, 50%, 89%
HSV	182°, 12%, 95%
XYZ	74.4778, 82.8172, 95.2790
YIQ	232.0410, -16.4130, -5.4130

# Conversions

## Conversions Part 2

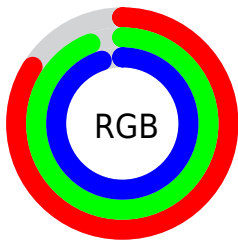
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	213, 227, 241
Decimal	14020849
CIE Lab	92.93, -8.58, -3.48
CIE LCh	93, 9.260, 202.071
Yxy	82.8172, 0.2949, 0.3279
Android (android.graphics.Color)	4292210929 (0xFFD5F0F1)
YUV	232.0410, 4.4168, -16.6990
Hunter-Lab	91.0040, -13.1722, 1.6275

# Details

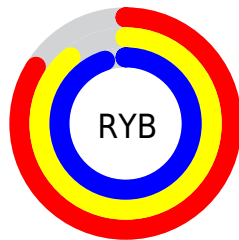
The XYZ color **74.4778, 82.8172, 95.2790** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **72.3328, 71.5975, 72.9594**, and the grayscale version is **76.7112, 80.7061, 87.8890**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.9980, 45.0529, 52.4869** is the 20% darker color. If you saturate the color by 10%, you get **67.7491, 78.9767, 94.8937**, and if you desaturate by 10%, it is **82.2513, 87.2025, 95.7170**.

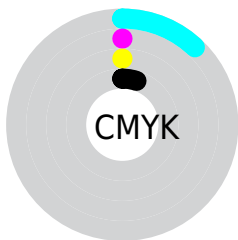
# Distribution



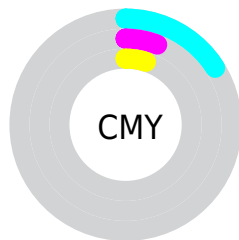
- Red (84%)
- Green (94%)
- Blue (95%)



- Red (84%)
- Yellow (89%)
- Blue (95%)



- Cyan (12%)
- Magenta (0%)
- Yellow (0%)
- Black (5%)



- Cyan (16%)
- Magenta (6%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 74.4778, 82.8172, 95.2790 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 74.4778, 82.8172, 95.2790 by changing the saturation by 10% instead.



■ 74.4778, 82.8172,  
95.2790

■ 74.4778, 82.8172,  
95.2790

465.1457,  
504.3771, 566.0649

■ 55.4779, 62.0394,  
71.7690

124.5648,  
137.3194, 156.6489

■ 40.0198, 45.0645,  
52.4843

156.3825,  
171.8126, 195.3459

■ 27.7383, 31.5082,  
37.0064

193.2035,  
211.6463, 239.9423

■ 18.2679, 20.9862,  
24.9166

235.3932,  
257.2050, 290.8568

■ 11.2433, 13.1139,  
15.7965

283.3169,  
308.8730, 348.5077

■ 6.2993, 7.5070,  
9.2275

337.3400,

■ 3.0703, 3.7812,

367.0347, 413.3137

4.7910

397.8278,  
432.0747, 485.6932

■ 1.1910, 1.5519,  
2.0686

■ 0.0993, 0.3249,  
0.5970

■ 74.4778, 82.8172,  
95.2790

■ 74.4778, 82.8172,  
95.2790

■ 67.7491, 78.9767,  
94.8937

■ 82.2513, 87.2025,  
95.7170

■ 62.0123, 75.6471,  
94.5533


■ 88.7864, 90.9490,  
96.0957


■ 57.2208, 72.8066,  
94.2576


■ 89.0419, 91.4599,  
96.1809


■ 53.3213, 70.4277,  
94.0040


■ 89.2986, 91.9733,  
96.2665


 50.2554, 68.4803,  
93.7897


 89.5565, 92.4890,  
96.3524


 47.9575, 66.9306,  
93.6117


 89.8155, 93.0072,  
96.4388


 46.3525, 65.7398,  
93.4664

 90.0758, 93.5277,  
96.5255

 45.3498, 64.8614,  
93.3497

 90.3373, 94.0507,  
96.6127

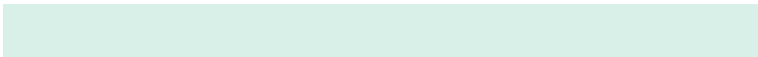
 44.8539, 64.3040,  
93.2682

 90.6000, 94.5761,  
96.7003

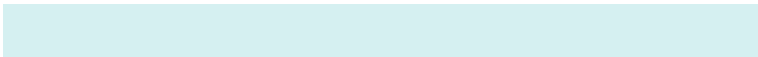
# Harmonies

## Analogous

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



74.1922, 82.8172, 88.3465



74.4778, 82.8172, 95.2790



75.8872, 82.8172, 101.1087

# Triad

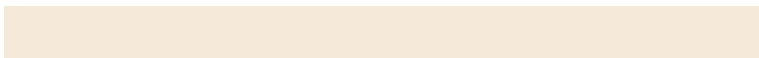
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.4778, 82.8172, 95.2790



82.4461, 82.8172, 98.6233



79.3594, 82.8172, 77.5982

# Complementary

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



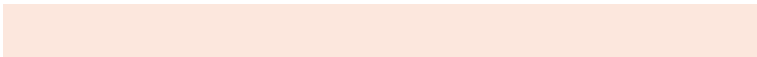
74.4778, 82.8172, 95.2790



72.3328, 71.5975, 72.9594

# 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.



81.6128, 82.8172, 80.0572



74.4778, 82.8172, 95.2790



83.4186, 82.8172, 92.0263

# Square

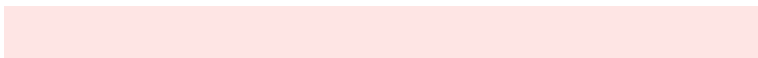
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.4778, 82.8172, 95.2790



80.4782, 82.8172, 103.1075



83.1105, 82.8172, 85.2544



76.9782, 82.8172, 78.3697

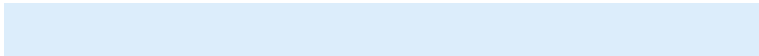


# Rectangle

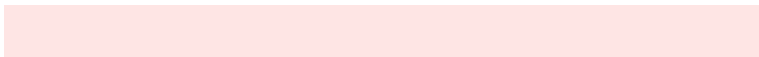
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



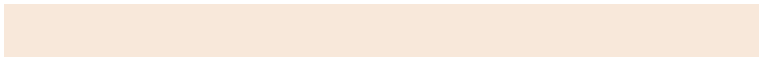
74.4778, 82.8172, 95.2790



77.2903, 82.8172, 103.4685



83.1105, 82.8172, 85.2544



80.1576, 82.8172, 78.0698

# Sweetspot

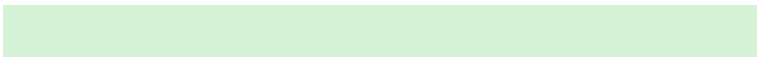
The Sweet Spot groups the original color and five complimentary colors.



74.4802, 82.8207, 95.2808



92.2045, 98.4043, 108.7420



71.0262, 81.9097, 75.6416



19.5768, 20.9734, 23.2664



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.



74.4802, 82.8207, 95.2808



82.7098, 93.0388, 108.2067



70.5335, 74.9273, 93.9653



16.1963, 17.8268, 20.3089



24.3451, 34.9145, 50.5839



2.0403, 2.9345, 4.2131



# Inverse Universe

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



75.7999, 72.5821, 92.4568



84.4960, 79.2182, 104.3763



76.0122, 78.9564, 74.1859



16.4285, 16.0211, 19.8129



27.6139, 13.3180, 42.7449

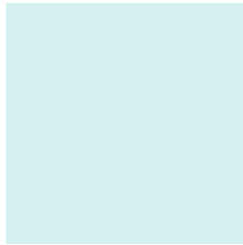


2.3048, 1.1110, 3.5958



# Previews

## White Background



This preview shows how the XYZ color 74.4778, 82.8172, 95.2790 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

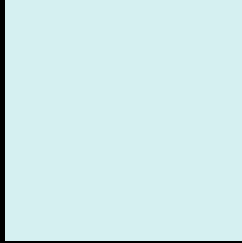
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 74.4778, 82.8172, 95.2790 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

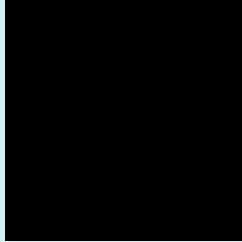
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

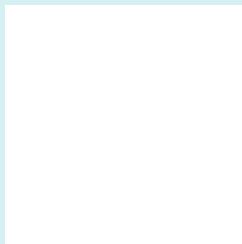
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 74.4778, 82.8172, 95.2790**

## **Background**



This preview shows how black text looks on a background with the XYZ color 74.4778, 82.8172, 95.2790.



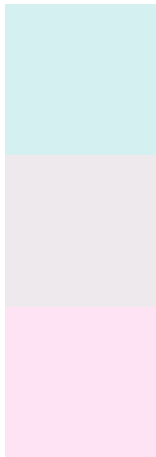
This preview shows how white text looks on a background with the XYZ color 74.4778, 82.8172,

95.2790.

# 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

74.4778, 82.8172, 95.2790

### Protanopia

79.6849, 82.5694, 91.8584

### Deuteranopia

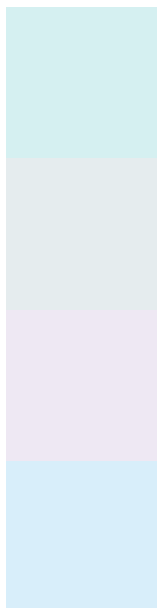
84.3062, 82.3525, 97.0401



## **Tritanopia**

76.9495, 82.5401, 106.4839

# Trichromacy



## Original Color

74.4778, 82.8172, 95.2790

## Protanomaly

77.7412, 82.8220, 92.7778

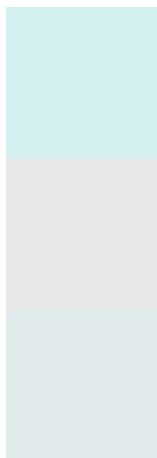
## Deuteranomaly

80.2942, 82.3614, 96.4594

## Tritanomaly

76.1488, 82.6501, 102.3821

# Monochromacy



## Original Color

74.4778, 82.8172, 95.2790

## Achromatopsia

76.7008, 80.6952, 87.8771

## Achromatomaly

75.7551, 81.4224, 90.3206

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 74.4778, 82.8172, 95.2790 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, 240, 241)` looks like.

```
.text, #text, p{  
    color:rgb(213, 240, 241)  
}
```

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, 240, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 240, 241) }
```

## Border

The CSS property to change the border of an element to XYZ 74.4778, 82.8172, 95.2790 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, 240, 241) }
```



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

```
.border{ border-color:rgb(213, 240, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 240, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 240, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 240, 241);  
box-shadow:4px 4px 4px 4px rgb(213, 240,  
241) }
```

# Background

The CSS property to change the background color of an element to XYZ 74.4778, 82.8172, 95.2790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 240, 241) }
```

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

```
.background{ background-color: rgb(213,  
240, 241) }
```

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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