

# Converting Colors

XYZ(60.6765, 82.4307, 79.0466)

Have a look what the booklet for  
XYZ(60.6765, 82.4307, 79.0466)  
contains.

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# Color

**XYZ(60.6744, 82.4296,  
79.0423)**

# Conversions

## Conversions Part 1

Format	Color
Hex	96FEDA
RGB	150, 254, 218
RGB Percent	59%, 100%, 85%
CMY	0.4118, 0.0039, 0.1451
CMYK	0.41, 0.00, 0.14, 0.00
HSL	159°, 98%, 79%
HSV	159°, 41%, 100%
XYZ	60.6744, 82.4296, 79.0423
YIQ	218.8000, -50.4280, -33.2440

# Conversions

## Conversions Part 2

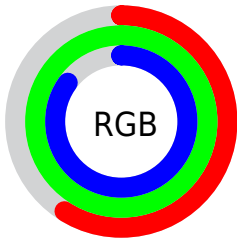
Format	Color
<a href="#">RYB</a>	<a href="#">150, 213, 254</a>
Decimal	<a href="#">9895642</a>
CIELab	<a href="#">92.76, -38.29, 7.78</a>
CIELCh	<a href="#">93, 39.074, 168.520</a>
Yxy	<a href="#">82.4296, 0.2731, 0.3711</a>
Android (android.graphics.Color)	<a href="#">4288085722</a> ( <a href="#">0xFF96FEDA</a> )
YUV	<a href="#">218.8000, -0.3944, -60.3376</a>
Hunter-Lab	<a href="#">90.7907, -39.5943, 11.9357</a>

# Details

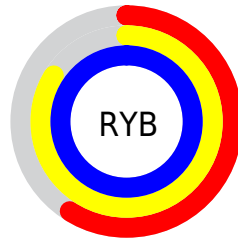
The XYZ color **60.6744, 82.4296, 79.0423** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **60.6451, 46.4308, 52.2233**, and the grayscale version is **67.2229, 70.7237, 77.0182**.

A 20% lighter version of the original color is **79.8224, 92.1499, 108.1874**, and **31.0913, 44.9040, 41.6790** is the 20% darker color. If you saturate the color by 10%, you get **55.3774, 79.8305, 72.9475**, and if you desaturate by 10%, it is **67.0501, 85.5820, 85.5098**.

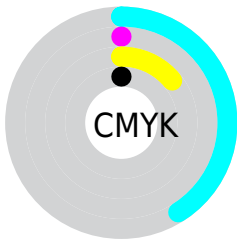
# Distribution



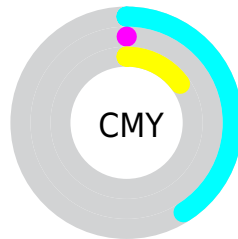
- Red (59%)
- Green (100%)
- Blue (85%)



- Red (59%)
- Yellow (84%)
- Blue (100%)



- Cyan (41%)
- Magenta (0%)
- Yellow (14%)
- Black (0%)




- Cyan (41%)
- Magenta (0%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 60.6744, 82.4296, 79.0423 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 60.6744, 82.4296, 79.0423 by changing the saturation by 10% instead.





 60.6744, 82.4296,  
79.0423


 60.6744, 82.4296,  
79.0423


416.8742,  
503.0836, 511.3208

 44.2140, 61.7197,  
58.4091


 104.9081,  
136.7763, 133.8176

 31.0374, 44.8063,  
41.7207


 133.4122,  
171.1819, 168.7968

 20.7793, 31.3048,  
28.5587


166.6615,  
210.9215, 209.3950

 13.0743, 20.8311,  
18.5046

205.0214,  
256.3795, 256.0308

 7.5571, 13.0006,  
11.1397

248.8572,  
307.9403, 309.1228

 3.8623, 7.4290,  
6.0455

298.5344,

 1.6245, 3.7318,

365.9883, 369.0894

2.8035

354.4183,  
430.9079, 436.3492

■ 0.4083, 1.5247,  
0.9952

■ 0.0000, 0.3060,  
0.0000

■ 60.6744, 82.4296,  
79.0423

■ 60.6744, 82.4296,  
79.0423

■ 55.3774, 79.8305,  
72.9475

■ 67.0501, 85.5820,  
85.5098

■ 51.0850, 77.7402,  
67.2117

■ 74.5586, 89.3091,  
92.3521

■ 47.7248, 76.1236,  
61.8284

■ 83.2586, 93.6432,  
99.5783

■ 45.2108, 74.9365,  
56.7884

■ 93.2026, 98.6113,  
107.1954

■ 43.4402, 74.1261,  
52.0816

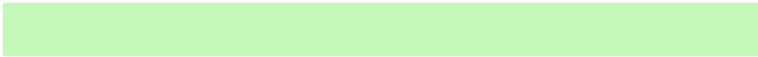
94.7333, 99.3665,  
108.7944

■ 42.3331, 73.6424,  
48.0956

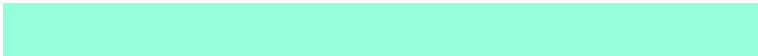
# Harmonies

## Analogous

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



64.5679, 82.4296, 57.4838



60.6744, 82.4296, 79.0423



61.2009, 82.4296, 108.7776

# Triad

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



60.6744, 82.4296, 79.0423



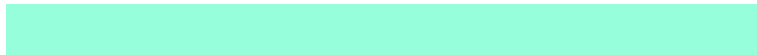
84.7354, 82.4296, 154.1528



92.0518, 82.4296, 53.9398

# Complementary

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



60.6744, 82.4296, 79.0423



60.6451, 46.4308, 52.2233

# 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.



98.4288, 82.4296, 73.0849



60.6744, 82.4296, 79.0423



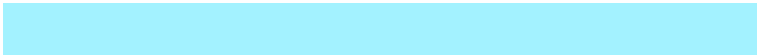
93.9587, 82.4296, 132.2772

# Square

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



60.6744, 82.4296, 79.0423



74.5123, 82.4296, 156.7241



99.1554, 82.4296, 101.3875

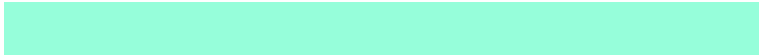


82.3108, 82.4296, 45.2335



# Rectangle

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



60.6744, 82.4296, 79.0423



63.9977, 82.4296, 129.4226



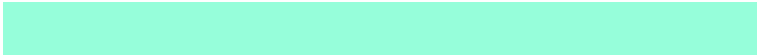
99.1554, 82.4296, 101.3875



94.6949, 82.4296, 59.1493

# Sweetspot

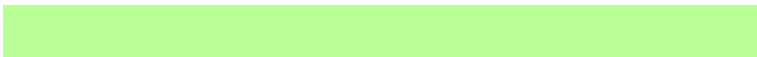
The Sweet Spot groups the original color and five complimentary colors.



60.6767, 82.4329, 79.0442



83.0156, 93.9877, 99.6784



61.2965, 83.5784, 41.7571



17.5120, 19.9892, 21.1278



0.0000, 0.0000, 0.0000

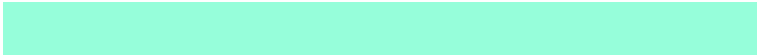


20.3446, 21.4041, 23.3091

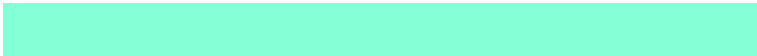


# Same Dimension

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



60.6767, 82.4329, 79.0442



56.8252, 81.0104, 74.7608



61.1608, 75.0252, 105.0276



18.2721, 20.3684, 21.7357



22.3899, 38.8525, 25.7361



2.2316, 3.8036, 2.7773



# Inverse Universe

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



60.6451, 46.4308, 52.2233



56.8016, 40.2675, 44.4684



59.9443, 50.4023, 35.4247



18.2689, 18.0909, 20.0334



22.5382, 11.5046, 6.2188

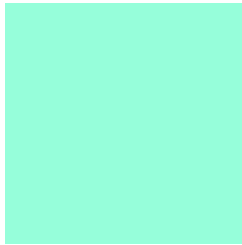


2.2436, 1.1398, 0.8643



# Previews

## White Background



This preview shows how the XYZ color 60.6744, 82.4296, 79.0423 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

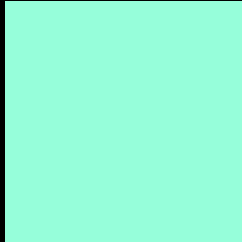
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 60.6744, 82.4296, 79.0423 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 60.6744, 82.4296, 79.0423**

## **Background**



This preview shows how black text looks on a background with the XYZ color 60.6744, 82.4296, 79.0423.



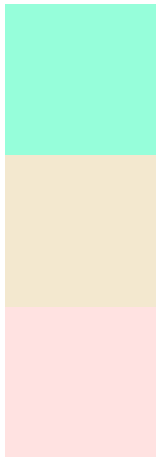
This preview shows how white text looks on a background with the XYZ color 60.6744, 82.4296,

79.0423.

# 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

60.6744, 82.4296, 79.0423

### Protanopia

77.0812, 81.2729, 70.6561

### Deuteranopia

82.0270, 81.0890, 82.5626



## Tritanopia

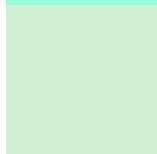
71.5404, 81.9307, 106.6514

# Trichromacy



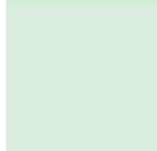
## Original Color

60.6744, 82.4296, 79.0423



## Protanomaly

69.2125, 80.5786, 73.5334



## Deuteranomaly

71.7955, 80.0165, 80.7680



## Tritanomaly

67.1142, 81.6695, 96.2309

# Monochromacy



## Original Color

60.6744, 82.4296, 79.0423



## Achromatopsia

67.3311, 70.8376, 77.1421



## Achromatomaly

63.8909, 74.2970, 77.9912

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 60.6744, 82.4296, 79.0423 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(150, 254, 218)` looks like.

```
.text, #text, p{  
    color:rgb(150, 254, 218)  
}
```

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(150, 254, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 254, 218) }
```

## Border

The CSS property to change the border of an element to XYZ 60.6744, 82.4296, 79.0423 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(150, 254, 218) }
```



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

```
.border{ border-color:rgb(150, 254, 218) }
```

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

Here you see how a box with a 4 pixel rgb(150, 254, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 254, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 254, 218);  
box-shadow:4px 4px 4px 4px rgb(150, 254,  
218) }
```

# Background

The CSS property to change the background color of an element to XYZ 60.6744, 82.4296, 79.0423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 254, 218) }
```

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

```
.background{ background-color: rgb(150,  
254, 218) }
```

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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