

Converting Colors

XYZ(60.4792, 82.8609, 76.4323)

Have a look what the booklet for
XYZ(60.4792, 82.8609, 76.4323)
contains.

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Color

**XYZ(60.4753, 82.8591,
76.4243)**

Conversions

Conversions Part 1

Format	Color
Hex	96FFD6
RGB	150, 255, 214
RGB Percent	59%, 100%, 84%
CMY	0.4118, 0.0000, 0.1608
CMYK	0.41, 0.00, 0.16, 0.00
HSL	157°, 100%, 79%
HSV	157°, 41%, 100%
XYZ	60.4753, 82.8591, 76.4243
YIQ	218.9310, -49.4190, -35.0110

Conversions

Conversions Part 2

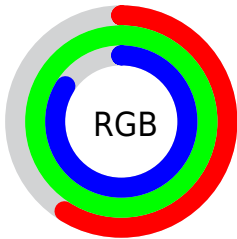
Format	Color
RYB	150, 215, 255
Decimal	9895894
CIELab	92.95, -39.58, 10.11
CIElCh	93, 40.847, 165.672
Yxy	82.8591, 0.2752, 0.3770
Android (android.graphics.Color)	4288085974 (0xFF96FFD6)
YUV	218.9310, -2.4310, -60.4525
Hunter-Lab	91.0270, -40.7077, 13.9403

Details

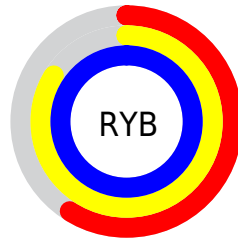
The XYZ color **60.4753, 82.8591, 76.4243** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **61.5509, 46.8353, 55.0869**, and the grayscale version is **67.3250, 70.8311, 77.1351**.

A 20% lighter version of the original color is **79.8224, 92.1499, 108.1874**, and **30.9663, 45.2185, 39.8968** is the 20% darker color. If you saturate the color by 10%, you get **55.0496, 80.2045, 69.7346**, and if you desaturate by 10%, it is **67.0013, 86.0719, 83.5740**.

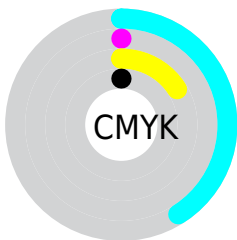
Distribution



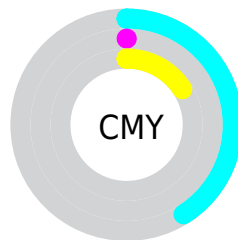
- Red (59%)
- Green (100%)
- Blue (84%)



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



- Cyan (41%)
- Magenta (0%)
- Yellow (16%)
- Black (0%)




- Cyan (41%)
- Magenta (0%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.4753, 82.8591, 76.4243 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 60.4753, 82.8591, 76.4243 by changing the saturation by 10% instead.


 60.4753, 82.8591,
76.4243


 60.4753, 82.8591,
76.4243


416.1542,
504.5168, 502.1844

 44.0528, 62.0739,
56.2718

 104.6213,
137.3781, 130.0921

 30.9101, 45.0924,
40.0154


 133.0754,
171.8807, 164.4444

 20.6819, 31.5302,
27.2367


166.2708,
211.7246, 204.3671

 13.0028, 21.0029,
17.5170

204.5729,
257.2941, 250.2786

 7.5075, 13.1262,
10.4380

248.3469,
308.9737, 302.5976

 3.8306, 7.5155,
5.5809

297.9582,

 1.6067, 3.7865,

367.1478, 361.7425

2.5273

353.7722,
432.2007, 428.1319

■ 0.3968, 1.5549,
0.8546

■ 0.0000, 0.3269,
0.0000

■ 60.4753, 82.8591,
76.4243

■ 60.4753, 82.8591,
76.4243

■ 55.0496, 80.2045,
69.7346

■ 67.0013, 86.0719,
83.5740

■ 50.6534, 78.0718,
63.4905

■ 74.6874, 89.8736,
91.1894

■ 47.2114, 76.4224,
57.6822

■ 83.5918, 94.2941,
99.2816

■ 44.6360, 75.2112,
52.2981

■ 93.7681, 99.3609,
107.8595

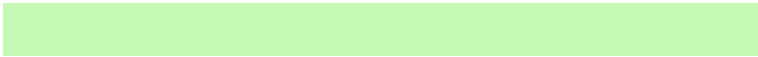
■ 42.8225, 74.3845, 95.0500, 100.0000,
47.3256 108.9000

■ 41.7126, 73.9010,
43.2661

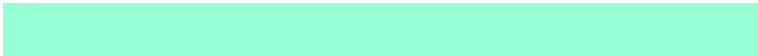
Harmonies

Analogous

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



64.9505, 82.8591, 55.0269



60.4753, 82.8591, 76.4243



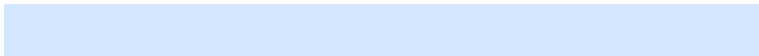
60.5799, 82.8591, 107.0691

Triad

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



60.4753, 82.8591, 76.4243



84.4375, 82.8591, 159.5761



94.0051, 82.8591, 54.3282

Complementary

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



60.4753, 82.8591, 76.4243



61.5509, 46.8353, 55.0869

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.



100.2442, 82.8591, 75.2374



60.4753, 82.8591, 76.4243



94.3889, 82.8591, 137.9093

Square

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



60.4753, 82.8591, 76.4243



73.7781, 82.8591, 160.0990



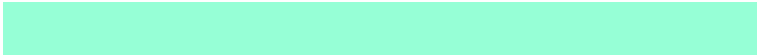
100.3907, 82.8591, 105.5822



83.9510, 82.8591, 44.3669

Rectangle

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



60.4753, 82.8591, 76.4243



63.2128, 82.8591, 129.0747



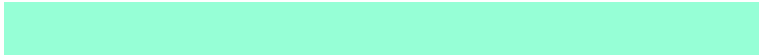
100.3907, 82.8591, 105.5822



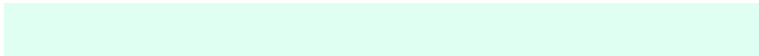
96.6565, 82.8591, 60.0677

Sweetspot

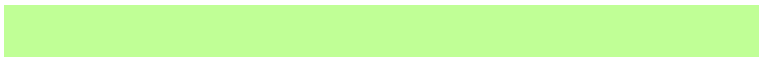
The Sweet Spot groups the original color and five complimentary colors.



60.4761, 82.8595, 76.4257



82.8101, 93.9055, 98.5959



63.0040, 84.9288, 41.9277



17.4635, 19.9698, 20.8726



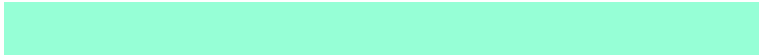
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



60.4761, 82.8595, 76.4257



56.1398, 80.7363, 71.1517



63.1297, 78.7072, 106.4725



18.2368, 20.3542, 21.5498



21.8712, 38.6451, 23.0048



2.1832, 3.7842, 2.5225

Inverse Universe

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



61.5509, 46.8353, 55.0869



57.3497, 40.4867, 47.3546



59.4034, 48.7784, 35.1397



18.3030, 18.1045, 20.2129



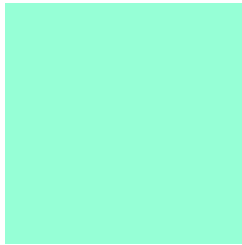
22.8078, 11.6124, 7.6381



2.2724, 1.1513, 1.0161

Previews

White Background



This preview shows how the XYZ color 60.4753, 82.8591, 76.4243 looks on a white background.

Color Contrast Check

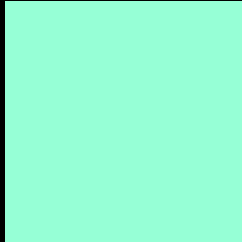
Large Text (above 18pt) WCAG AA × Fail

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 60.4753, 82.8591, 76.4243 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 60.4753, 82.8591, 76.4243

Background



This preview shows how black text looks on a background with the XYZ color 60.4753, 82.8591, 76.4243.



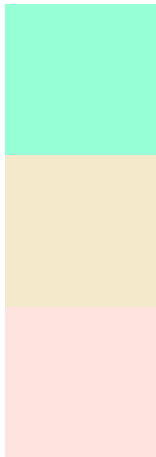
This preview shows how white text looks on a background with the XYZ color 60.4753, 82.8591,

76.4243.

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

60.4753, 82.8591, 76.4243

Protanopia

77.5746, 82.0021, 68.2393

Deuteranopia

82.0284, 81.5259, 81.2247



Tritanopia

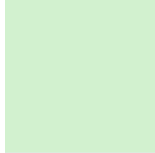
72.0503, 82.1936, 106.6752

Trichromacy



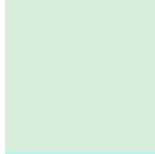
Original Color

60.4753, 82.8591, 76.4243



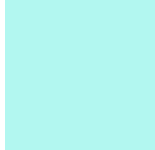
Protanomaly

69.2961, 81.1172, 71.0364



Deuteranomaly

71.8177, 80.4874, 79.4606



Tritanomaly

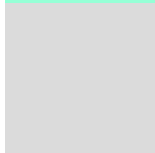
67.3490, 82.2778, 94.7696

Monochromacy



Original Color

60.4753, 82.8591, 76.4243



Achromatopsia

67.3311, 70.8376, 77.1421



Achromatomaly

63.6291, 74.1923, 76.6126

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.4753, 82.8591, 76.4243 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, 255, 214)` looks like.

```
.text, #text, p{  
    color:rgb(150, 255, 214)  
}
```

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, 255, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 255, 214) }
```

Border

The CSS property to change the border of an element to XYZ 60.4753, 82.8591, 76.4243 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, 255, 214) }
```


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

```
.border{ border-color:rgb(150, 255, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 255, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 255, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 255, 214);  
box-shadow:4px 4px 4px 4px rgb(150, 255,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 60.4753, 82.8591, 76.4243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 255, 214) }
```

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

```
.background{ background-color: rgb(150,  
255, 214) }
```

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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