

Converting Colors

XYZ(67.9557, 82.4211,
144.7817)

Have a look what the booklet for
XYZ(67.9557, 82.4211, 144.7817)
contains.

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Color

**XYZ(60.6781, 79.4834,
106.7515)**

Conversions

Conversions Part 1

Format	Color
Hex	7FF9FF
RGB	127, 249, 255
RGB Percent	50%, 98%, 100%
CMY	0.5019, 0.0235, 0.0000
CMYK	0.50, 0.02, 0.00, 0.00
HSL	183°, 100%, 75%
HSV	183°, 50%, 100%
XYZ	60.6781, 79.4834, 106.7515
YIQ	213.2060, -74.6380, -23.9980

Conversions

Conversions Part 2

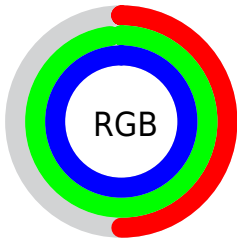
Format	Color
R_{YB}	127, 189, 255
Decimal	8387071
CIE _{Lab}	91.45, -32.63, -13.42
CIE _{LCh}	91, 35.283, 202.361
Yxy	79.4834, 0.2457, 0.3219
Android (android.graphics.Color)	4286577151 (0xFF7FF9FF)
YUV	213.2060, 20.6044, -75.6027
Hunter-Lab	89.1535, -34.5310, -8.5859

Details

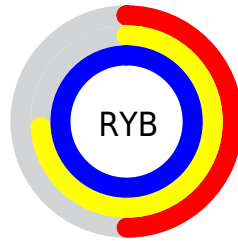
The XYZ color **60.6781, 79.4834, 106.7515** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **53.4590, 39.5681, 24.9006**, and the grayscale version is **63.2880, 66.5839, 72.5099**.

A 20% lighter version of the original color is **74.5490, 89.4314, 107.9406**, and **30.9671, 42.7686, 60.0491** is the 20% darker color. If you saturate the color by 10%, you get **56.9825, 77.0337, 106.4734**, and if you desaturate by 10%, it is **65.3412, 82.4390, 107.0762**.

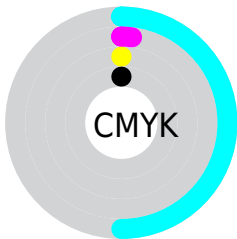
Distribution



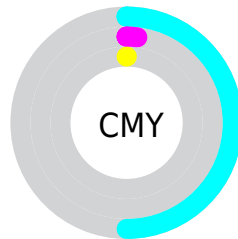
- Red (50%)
- Green (98%)
- Blue (100%)



- Red (50%)
- Yellow (74%)
- Blue (100%)



- Cyan (50%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (50%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.6781, 79.4834, 106.7515 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 60.6781, 79.4834, 106.7515 by changing the saturation by 10% instead.

60.6781, 79.4834,
106.7515

60.6781, 79.4834,
106.7515

416.8875,
493.1902, 603.0591

44.2170, 59.2933,
81.3026

104.9135,
132.6392, 172.5373

31.0398, 42.8493,
60.2584

133.4184,
166.3737, 213.7113

20.7811, 29.7669,
43.2003

166.6687,
205.3918, 260.9641

13.0756, 19.6617,
29.7097

205.0297,
250.0779, 314.7143

7.5580, 12.1494,
19.3682

248.8667,
300.8164, 375.3803

3.8629, 6.8455,
11.7571

298.5451,

1.6248, 3.3657,

357.9917, 443.3807

6.4580

354.4303,
421.9881, 519.1341

0.4085, 1.3255,
3.0523

0.0000, 0.1608,
1.1214

60.6781, 79.4834,
106.7515

60.6781, 79.4834,
106.7515

56.9825, 77.0337,
106.4734

65.3412, 82.4390,
107.0762

54.1741, 75.0430,
106.2372

71.0316, 85.9260,
107.4493

52.1702, 73.4705,
106.0393

77.8119, 89.9782,
107.8741

50.8697, 72.2641,
105.8750

85.7378, 94.6245,
108.3532

■ 50.1169, 71.3537,
105.7390

94.8611, 99.8917,
108.8890

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



59.6940, 79.4834, 80.1362



60.6781, 79.4834, 106.7515



65.4859, 79.4834, 131.9013

Triad

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



60.6781, 79.4834, 106.7515



90.0599, 79.4834, 120.3879



77.8649, 79.4834, 46.2049

Complementary

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



60.6781, 79.4834, 106.7515



53.4590, 39.5681, 24.9006

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.



86.5882, 79.4834, 52.9967



60.6781, 79.4834, 106.7515



93.9832, 79.4834, 93.2844

Square

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



60.6781, 79.4834, 106.7515



82.3073, 79.4834, 140.7989



92.6648, 79.4834, 69.0623



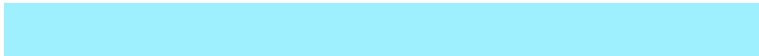
69.1666, 79.4834, 48.3969

Rectangle

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



60.6781, 79.4834, 106.7515



70.4348, 79.4834, 142.7354



92.6648, 79.4834, 69.0623



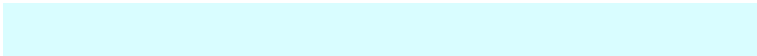
80.8999, 79.4834, 47.4571

Sweetspot

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



60.6802, 79.4863, 106.7520



81.7820, 92.3155, 108.1160



48.6285, 77.6786, 34.0002



17.1517, 19.5521, 23.1199



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.



60.6802, 79.4863, 106.7520



57.0454, 77.0767, 106.4784



44.5178, 47.1615, 101.3645



18.4777, 20.3269, 23.1996



26.2191, 37.3477, 55.2615



2.5745, 3.6796, 5.3878

Inverse Universe

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



65.9297, 43.2801, 94.5049



62.9087, 37.5297, 92.5991



64.6467, 61.9436, 28.6298



18.7537, 18.2848, 22.5863



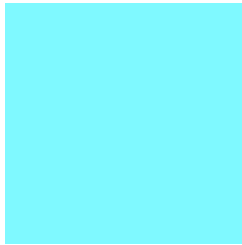
30.0224, 14.4982, 45.6298



2.9341, 1.4160, 4.5002

Previews

White Background



This preview shows how the XYZ color 60.6781, 79.4834, 106.7515 looks on a white background.

Color Contrast Check

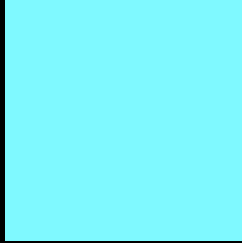
Large Text (above 18pt) WCAG AA × Fail

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 60.6781, 79.4834, 106.7515 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 60.6781, 79.4834, 106.7515

Background



This preview shows how black text looks on a background with the XYZ color 60.6781, 79.4834, 106.7515.

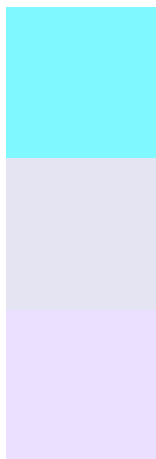


This preview shows how white text looks on a background with the XYZ color 60.6781, 79.4834,

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

60.6781, 79.4834, 106.7515

Protanopia

76.0835, 78.5556, 95.1571

Deuteranopia

78.9666, 78.1935, 105.5386



Tritanopia

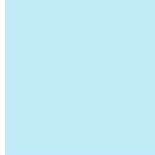
66.5186, 78.9012, 106.3313

Trichromacy



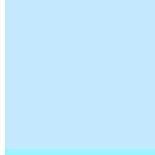
Original Color

60.6781, 79.4834, 106.7515



Protanomaly

68.5222, 77.9128, 99.4229



Deuteranomaly

69.9539, 77.2336, 105.8284



Tritanomaly

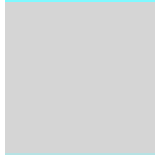
64.1110, 78.9893, 106.4752

Monochromacy



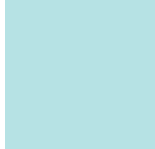
Original Color

60.6781, 79.4834, 106.7515



Achromatopsia

63.2451, 66.5387, 72.4607



Achromatomaly

60.4914, 69.9392, 83.7102

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.6781, 79.4834, 106.7515 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(127, 249, 255)` looks like.

```
.text, #text, p{  
    color:rgb(127, 249, 255)  
}
```

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(127, 249, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 249, 255) }
```

Border

The CSS property to change the border of an element to XYZ 60.6781, 79.4834, 106.7515 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(127, 249, 255) }
```


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

```
.border{ border-color:rgb(127, 249, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 249, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 249, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 249, 255);  
box-shadow:4px 4px 4px 4px rgb(127, 249,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 60.6781, 79.4834, 106.7515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 249, 255) }
```

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

```
.background{ background-color: rgb(127,  
249, 255) }
```

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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