

Converting Colors

XYZ(60.4837, 78.8054,
106.6307)

Have a look what the booklet for
XYZ(60.4837, 78.8054, 106.6307)
contains.

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Color

**XYZ(60.5195, 78.9440,
106.6557)**

Conversions

Conversions Part 1

Format	Color
Hex	80F8FF
RGB	128, 248, 255
RGB Percent	50%, 97%, 100%
CMY	0.4980, 0.0274, 0.0000
CMYK	0.50, 0.03, 0.00, 0.00
HSL	183°, 100%, 75%
HSV	183°, 50%, 100%
XYZ	60.5195, 78.9440, 106.6557
YIQ	212.9180, -73.7670, -23.2630

Conversions

Conversions Part 2

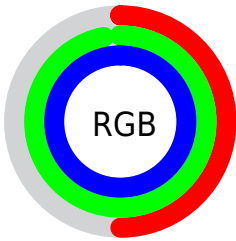
Format	Color
RYB	128, 190, 255
Decimal	8452351
CIELab	91.21, -31.96, -13.78
CIELCh	91, 34.801, 203.333
Yxy	78.9440, 0.2459, 0.3208
Android (android.graphics.Color)	4286642431 (0xFF80F8FF)
YUV	212.9180, 20.7464, -74.4731
Hunter-Lab	88.8504, -33.9049, -8.9762

Details

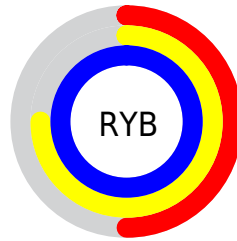
The XYZ color **60.5195, 78.9440, 106.6557** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **53.8009, 40.1472, 25.3377**, and the grayscale version is **63.0942, 66.3800, 72.2878**.

A 20% lighter version of the original color is **74.5490, 89.4314, 107.9406**, and **30.8737, 42.3956, 59.9820** is the 20% darker color. If you saturate the color by 10%, you get **56.7254, 76.3511, 106.3552**, and if you desaturate by 10%, it is **65.2848, 82.0460, 107.0033**.

Distribution



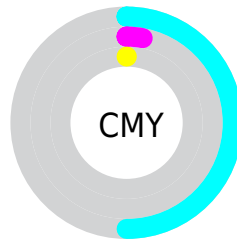
- Red (50%)
- Green (97%)
- Blue (100%)



- Red (50%)
- Yellow (75%)
- Blue (100%)



- Cyan (50%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)



- Cyan (50%)
- Magenta (3%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.5195, 78.9440, 106.6557 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 60.5195, 78.9440, 106.6557 by changing the saturation by 10% instead.

60.5195, 78.9440,
106.6557

60.5195, 78.9440,
106.6557

416.3141,
491.3669, 602.7551

44.0886, 58.8498,
81.2228

104.6850,
131.8800, 172.4053

30.9384, 42.4922,
60.1930

133.1502,
165.4906, 213.5591

20.7035, 29.4869,
43.1479

166.3576,
204.3754, 260.7902

13.0187, 19.4494,
29.6689

204.6725,
248.9189, 314.5173

7.5185, 11.9955,
19.3375

248.4602,
299.5053, 375.1587

3.8376, 6.7406,
11.7351

298.0862,

1.6107, 3.3004,

356.5192, 443.1332

6.4432

353.9157,
420.3450, 518.8591

■ 0.3994, 1.2905,
3.0433

■ 0.0000, 0.1338,
1.1168

■ 60.5195, 78.9440,
106.6557

■ 60.5195, 78.9440,
106.6557

■ 56.7254, 76.3511,
106.3552

■ 65.2848, 82.0460,
107.0033

■ 53.8223, 74.2206,
106.0970

■ 71.0808, 85.6824,
107.3997

■ 51.7283, 72.5119,
105.8776

■ 77.9698, 89.8870,
107.8482

■ 50.3430, 71.1733,
105.6922

■ 86.0074, 94.6886,
108.3514

■ 49.5058, 70.1221,
105.5334

95.0500, 100.0000,
108.9000

■ 49.4912, 70.1023,
105.5304

Harmonies

Analogous

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



59.4242, 78.9440, 80.4422



60.5195, 78.9440, 106.6557



65.3590, 78.9440, 131.0770

Triad

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



60.5195, 78.9440, 106.6557



89.4697, 78.9440, 118.3309



77.0193, 78.9440, 46.1901

Complementary

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



60.5195, 78.9440, 106.6557



53.8009, 40.1472, 25.3377

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.



85.6194, 78.9440, 52.5985



60.5195, 78.9440, 106.6557



93.1625, 78.9440, 91.7174

Square

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



60.5195, 78.9440, 106.6557



81.9506, 78.9440, 138.6874



91.7011, 78.9440, 68.1254



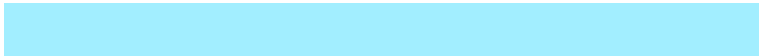
68.5178, 78.9440, 48.6395

Rectangle

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



60.5195, 78.9440, 106.6557



70.2761, 78.9440, 141.3605



91.7011, 78.9440, 68.1254



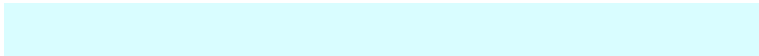
80.0018, 78.9440, 47.3305

Sweetspot

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



60.5216, 78.9469, 106.6562



81.6825, 92.1163, 108.0829



48.9909, 77.8408, 35.1272



17.1275, 19.5035, 23.1118



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.



60.5216, 78.9469, 106.6562



56.6593, 76.3044, 106.3497



44.3340, 46.5718, 101.2603



18.4641, 20.2998, 23.1950



25.8973, 36.7042, 55.1543



2.5467, 3.6240, 5.3786

Inverse Universe

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



65.9039, 43.4775, 93.7287



62.7138, 37.4517, 91.5728



65.2971, 63.1395, 29.1698



18.7469, 18.2821, 22.5503



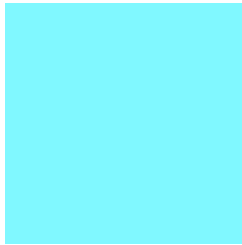
29.8600, 14.4333, 44.7746



2.9201, 1.4104, 4.4264

Previews

White Background



This preview shows how the XYZ color 60.5195, 78.9440, 106.6557 looks on a white background.

Color Contrast Check

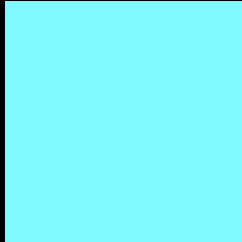
Large Text (above 18pt) WCAG AA × Fail

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 60.5195, 78.9440, 106.6557 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 60.5195, 78.9440, 106.6557

Background



This preview shows how black text looks on a background with the XYZ color 60.5195, 78.9440, 106.6557.

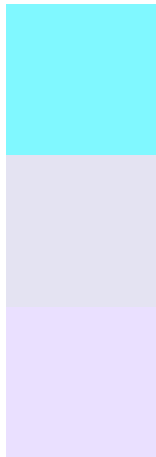


This preview shows how white text looks on a background with the XYZ color 60.5195, 78.9440,

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

60.5195, 78.9440, 106.6557

Protanopia

75.4910, 77.8430, 95.0508

Deuteranopia

78.6373, 78.0237, 105.5232



Tritanopia

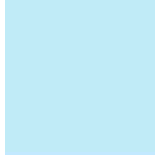
66.0829, 78.6766, 106.3109

Trichromacy



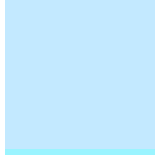
Original Color

60.5195, 78.9440, 106.6557



Protanomaly

68.2351, 77.3385, 99.3271



Deuteranomaly

69.6946, 77.0999, 105.8162



Tritanomaly

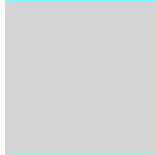
63.9183, 78.8899, 106.4662

Monochromacy



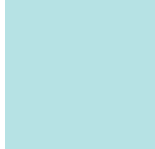
Original Color

60.5195, 78.9440, 106.6557



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 60.5195, 78.9440, 106.6557 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(128, 248, 255)` looks like.

```
.text, #text, p{  
    color:rgb(128, 248, 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(128, 248, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 248, 255) }
```

Border

The CSS property to change the border of an element to XYZ 60.5195, 78.9440, 106.6557 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(128, 248, 255) }
```


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

```
.border{ border-color:rgb(128, 248, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 248, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 248, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 248, 255);  
box-shadow:4px 4px 4px 4px rgb(128, 248,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5195, 78.9440, 106.6557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 248, 255) }
```

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

```
.background{ background-color: rgb(128,  
248, 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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