

Converting Colors

XYZ(54.0184, 77.9698,
106.8103)

Have a look what the booklet for
XYZ(54.0184, 77.9698, 106.8103)
contains.

| | |
|--|----|
| XYZ(53.9746, 77.8826, 106.7958) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(53.9746, 77.8826,
106.7958)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 26FDFF |
| RGB | 38, 253, 255 |
| RGB Percent | 15%, 99%, 100% |
| CMY | 0.8509, 0.0078, 0.0000 |
| CMYK | 0.85, 0.01, 0.00, 0.00 |
| HSL | 181°, 100%, 57% |
| HSV | 181°, 85%, 100% |
| XYZ | 53.9746, 77.8826, 106.7958 |
| YIQ | 188.9430, -128.7820, -44.9580 |

Conversions

Conversions Part 2

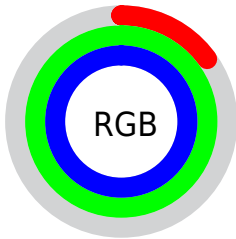
| Format | Color |
|-------------------------------------|---------------------------------|
| R _Y B | 38, 146, 255 |
| Decimal | 2555391 |
| CIE Lab | 90.73, -45.98, -14.70 |
| CIE LCh | 91, 48.270, 197.734 |
| Yxy | 77.8826, 0.2262, 0.3263 |
| Android (android.graphics.Color) | 4280745471 (0xFF26FDFF) |
| YUV | 188.9430, 32.5661, -132.3770 |
| Hunter-Lab | 88.2511, -45.2684, -9.9731 |

Details

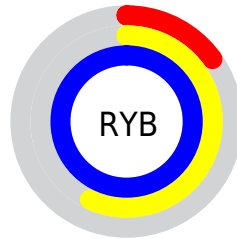
The XYZ color **53.9746, 77.8826, 106.7958** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **42.3498, 22.9192, 4.0277**, and the grayscale version is **48.2149, 50.7258, 55.2404**.

A 20% lighter version of the original color is **62.8633, 83.4071, 107.3937**, and **29.9330, 43.5571, 60.2558** is the 20% darker color. If you saturate the color by 10%, you get **53.2615, 77.4068, 106.7416**, and if you desaturate by 10%, it is **55.3342, 78.6952, 106.8810**.

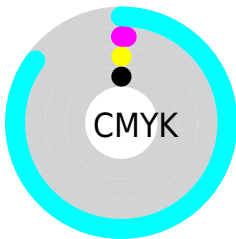
Distribution



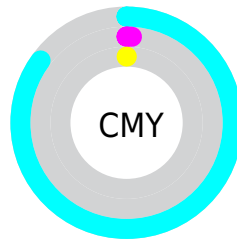
- Red (15%)
- Green (99%)
- Blue (100%)



- Red (15%)
- Yellow (57%)
- Blue (100%)



- Cyan (85%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)



- Cyan (85%)
- Magenta (1%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.9746, 77.8826, 106.7958 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 53.9746, 77.8826, 106.7958 by changing the saturation by 10% instead.


 53.9746, 77.8826,
106.7958


 53.9746, 77.8826,
106.7958


392.2131,
487.7680, 603.1996


 38.8119, 57.9775,
81.3396


 95.1941, 130.3846,
172.5983


 26.7935, 41.7906,
60.2887


 121.9816,
163.7504, 213.7817

 17.5540, 28.9374,
43.2245


 153.3748,
202.3718, 261.0445

 10.7280, 19.0334,
29.7286

 189.7390,
246.6333, 314.8053

 5.9502, 11.6944,
19.3824

231.4395,
296.9193, 375.4827

 2.8552, 6.5360,
11.7673

278.8418,

 1.0776, 3.1736,

353.6141, 443.4952

6.4648

332.3112,
417.1023, 519.2613

■ 0.0063, 1.2230,
3.0564

■ 0.0000, 0.0804,
1.1235

■ 53.9746, 77.8826,
106.7958

■ 53.9746, 77.8826,
106.7958

■ 53.2615, 77.4068,
106.7416

■ 55.3342, 78.6952,
106.8810

■ 53.0660, 77.2521,
106.7220

■ 57.4471, 79.8946,
107.0012

■ 60.4071, 81.5309,
107.1610

■ 64.2931, 83.6446,
107.3642

■ 69.1746, 86.2717,
107.6140

■ 75.1149, 89.4448,
107.9133

■ 82.1718, 93.1935,
108.2650

■ 90.3988, 97.5457,
108.6714

■ 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.



53.5099, 77.8826, 71.3983



53.9746, 77.8826, 106.7958



59.4327, 77.8826, 144.3946

Triad

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



53.9746, 77.8826, 106.7958



92.6430, 77.8826, 138.0701



79.0868, 77.8826, 34.8767

Complementary

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



53.9746, 77.8826, 106.7958



42.3498, 22.9192, 4.0277

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.



90.8295, 77.8826, 44.3815



53.9746, 77.8826, 106.7958



99.2097, 77.8826, 99.7838

Square

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



53.9746, 77.8826, 106.7958



81.3521, 77.8826, 165.5698



98.5120, 77.8826, 66.0544



67.1518, 77.8826, 35.7959

Rectangle

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



53.9746, 77.8826, 106.7958



65.5421, 77.8826, 162.7661



98.5120, 77.8826, 66.0544



83.2101, 77.8826, 36.8212

Sweetspot

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



53.9767, 77.8854, 106.7963



74.5276, 89.1319, 107.8839



36.9106, 72.0727, 13.8020



15.4926, 18.8328, 23.0685



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.



53.9767, 77.8854, 106.7963



53.0660, 77.2521, 106.7220



29.2084, 28.3489, 98.5402



18.5397, 20.4511, 23.2203



27.7348, 40.3791, 55.7668



2.7049, 3.9405, 5.4313

Inverse Universe

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



59.6641, 29.7400, 95.5272



58.9145, 28.3298, 95.0026



51.9484, 42.1164, 7.2272



18.7851, 18.2973, 22.7513



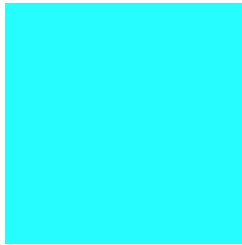
30.7874, 14.8043, 49.6584



2.9999, 1.4423, 4.8469

Previews

White Background



This preview shows how the XYZ color 53.9746, 77.8826, 106.7958 looks on a white background.

Color Contrast Check

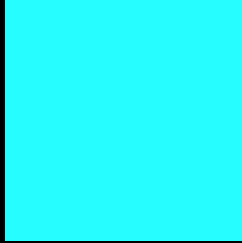
Large Text (above 18pt) WCAG AA × Fail

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 53.9746, 77.8826, 106.7958 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 53.9746, 77.8826, 106.7958

Background



This preview shows how black text looks on a background with the XYZ color 53.9746, 77.8826, 106.7958.



This preview shows how white text looks on a background with the XYZ color 53.9746, 77.8826,

Color Blindness Simulation

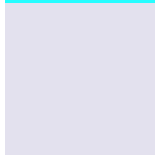
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

53.9746, 77.8826, 106.7958



Protanopia

74.0364, 76.3544, 91.7247



Deuteranopia

76.8044, 76.2855, 105.2843



Tritanopia

62.5646, 77.3036, 106.2313

Trichromacy



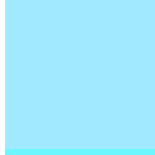
Original Color

53.9746, 77.8826, 106.7958



Protanomaly

60.1380, 73.2174, 96.5507



Deuteranomaly

61.6861, 72.9714, 105.4414



Tritanomaly

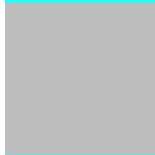
57.4362, 76.4465, 106.3362

Monochromacy



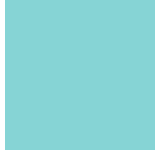
Original Color

53.9746, 77.8826, 106.7958



Achromatopsia

48.3692, 50.8881, 55.4172



Achromatomaly

45.3852, 56.9594, 71.5530

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9746, 77.8826, 106.7958 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(38, 253, 255)` looks like.

```
.text, #text, p{  
    color:rgb(38, 253, 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(38, 253, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 253, 255) }
```

Border

The CSS property to change the border of an element to XYZ 53.9746, 77.8826, 106.7958 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(38, 253, 255) }
```


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

```
.border{ border-color:rgb(38, 253, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 253, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 253, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 253, 255);  
box-shadow:4px 4px 4px 4px rgb(38, 253,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9746, 77.8826, 106.7958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 253, 255) }
```

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

```
.background{ background-color: rgb(38, 253,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor