

Converting Colors

XYZ(53.3326, 78.0433,
105.9911)

Have a look what the booklet for
XYZ(53.3326, 78.0433, 105.9911)
contains.

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Color

**XYZ(53.3312, 78.0394,
106.0182)**

Conversions

Conversions Part 1

Format	Color
Hex	00FEFE
RGB	0, 254, 254
RGB Percent	0%, 100%, 100%
CMY	0.9997, 0.0039, 0.0039
CMYK	1.00, 0.00, 0.00, 0.00
HSL	180°, 100%, 50%
HSV	180°, 100%, 100%
XYZ	53.3312, 78.0394, 106.0182
YIQ	178.0540, -151.3840, -53.8480

Conversions

Conversions Part 2

Format	Color
RYB	0, 127, 254
Decimal	65278
CIELab	90.80, -47.94, -14.10
CIELCh	91, 49.966, 196.386
Yxy	78.0394, 0.2247, 0.3287
Android (android.graphics.Color)	4278255358 (0xFF00FEFE)
YUV	178.0540, 37.4414, -156.1534
Hunter-Lab	88.3399, -46.8336, -9.3170

Details

The XYZ color **53.3312, 78.0394, 106.0182** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light saturated cyan. A complement of this color would be **40.8756, 21.0733, 1.9153**, and the grayscale version is **42.2236, 44.4226, 48.3762**.

A 20% lighter version of the original color is **61.6952, 82.8049, 107.3390**, and **29.8180, 43.5111, 59.6502** is the 20% darker color. If you saturate the color by 10%, you get **53.3326, 78.0418, 106.0200**, and if you desaturate by 10%, it is **53.7454, 78.2546, 106.0395**.

Distribution



- Red (0%)
- Green (100%)
- Blue (100%)



- Red (0%)
- Yellow (50%)
- Blue (100%)



- Cyan (100%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)



- Cyan (100%)
- Magenta (0%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.3312, 78.0394, 106.0182 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 53.3312, 78.0394, 106.0182 by changing the saturation by 10% instead.

53.3312, 78.0394,
106.0182

53.3312, 78.0394,
106.0182

389.7946,
488.3006, 600.7307

38.2958, 58.1063,
80.6912

94.2542, 130.6057,
171.5270

26.3906, 41.8941,
59.7578

120.8725,
164.0077, 212.5459

17.2503, 29.0184,
42.7994

152.0824,
202.6681, 259.6326

10.5095, 19.0948,
29.3975

188.2494,
246.9714, 313.2055

5.8029, 11.7388,
19.1336

229.7388,
297.3018, 373.6833

2.7651, 6.5661,
11.5891

276.9158,

1.0308, 3.1922,

354.0440, 441.4843

6.3454

330.1460,
417.5821, 517.0273

■ 0.0000, 1.2329,
2.9841

■ 0.0000, 0.0883,
1.0865

■ 53.3312, 78.0394,
106.0182

■ 53.3312, 78.0394,
106.0182

■ 53.3326, 78.0418,
106.0200

■ 53.7454, 78.2546,
106.0395

■ 54.6916, 78.7424,
106.0840

■ 56.3351, 79.5896,
106.1610

■ 58.7755, 80.8477,
106.2754

■ 62.0965, 82.5597,
106.4310

■ 66.3710, 84.7633,
106.6312

■ 71.6646, 87.4923,
106.8791

■ 78.0370, 90.7773,
107.1775

■ 85.5431, 94.6469,
107.5289

Harmonies

Analogous

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



53.0888, 78.0394, 69.7078



53.3312, 78.0394, 106.0182



58.7297, 78.0394, 145.5370

Triad

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



53.3312, 78.0394, 106.0182



93.0714, 78.0394, 142.1753



80.0056, 78.0394, 33.9140

Complementary

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



53.3312, 78.0394, 106.0182



40.8756, 21.0733, 1.9153

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.



92.1134, 78.0394, 44.0848



53.3312, 78.0394, 106.0182



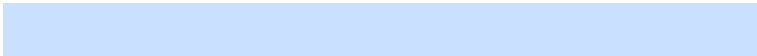
100.2122, 78.0394, 102.3153

Square

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



53.3312, 78.0394, 106.0182



81.1988, 78.0394, 170.1109



99.8430, 78.0394, 66.9129



67.5667, 78.0394, 34.3858

Rectangle

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



53.3312, 78.0394, 106.0182



64.9137, 78.0394, 165.4175



99.8430, 78.0394, 66.9129



84.2759, 78.0394, 36.0434

Sweetspot

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



53.3336, 78.0423, 106.0201



72.2849, 88.2642, 107.8341



35.4973, 70.9139, 11.8190



14.9625, 18.6295, 23.0571



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.



53.3336, 78.0423, 106.0201



53.8097, 78.7399, 106.9684



26.0437, 23.4620, 96.9250



18.5549, 20.4815, 23.2253



28.1167, 41.1433, 55.8933



2.7376, 4.0060, 5.4421

Inverse Universe

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



40.8756, 21.0733, 1.9153



41.2400, 21.2600, 1.9301



47.9338, 35.1897, 4.2680



18.0095, 17.9871, 18.6670



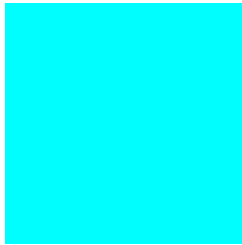
21.5488, 11.1088, 1.0085



2.0981, 1.0816, 0.0982

Previews

White Background



This preview shows how the XYZ color 53.3312, 78.0394, 106.0182 looks on a white background.

Color Contrast Check

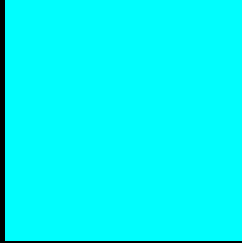
Large Text (above 18pt) WCAG AA × Fail

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 53.3312, 78.0394, 106.0182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

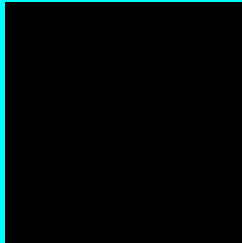
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.3312, 78.0394, 106.0182

Background



This preview shows how black text looks on a background with the XYZ color 53.3312, 78.0394, 106.0182.



This preview shows how white text looks on a background with the XYZ color 53.3312, 78.0394,

Color Blindness Simulation

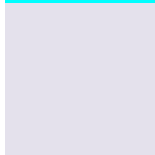
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

53.3312, 78.0394, 106.0182



Protanopia

74.0604, 76.4005, 90.2003



Deuteranopia

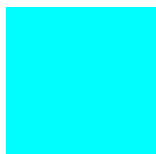
77.1263, 76.4515, 105.2994



Tritanopia

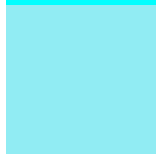
62.7510, 77.3997, 106.2400

Trichromacy



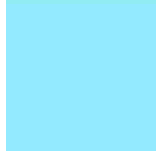
Original Color

53.3312, 78.0394, 106.0182



Protanomaly

57.8502, 72.4817, 95.7354



Deuteranomaly

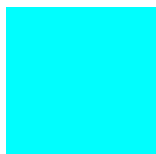
59.5054, 72.2687, 105.4207



Tritanomaly

55.9355, 75.6729, 106.2660

Monochromacy



Original Color

53.3312, 78.0394, 106.0182



Achromatopsia

42.3164, 44.5201, 48.4824



Achromatomaly

40.0219, 52.1096, 66.3413

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3312, 78.0394, 106.0182 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(0, 254, 254)` looks like.

```
.text, #text, p{  
    color:rgb(0, 254, 254)  
}
```

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(0, 254, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 254, 254) }
```

Border

The CSS property to change the border of an element to XYZ 53.3312, 78.0394, 106.0182 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(0, 254, 254) }
```


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

```
.border{ border-color:rgb(0, 254, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 254, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 254, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 254, 254);  
box-shadow:4px 4px 4px 4px rgb(0, 254,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3312, 78.0394, 106.0182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 254, 254) }
```

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

```
.background{ background-color: rgb(0, 254,  
254) }
```

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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