

Converting Colors

XYZ(54.0342, 77.1617,
106.6535)

Have a look what the booklet for
XYZ(54.0342, 77.1617, 106.6535)
contains.

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Color

**XYZ(53.9124, 76.9182,
106.6130)**

Conversions

Conversions Part 1

Format	Color
Hex	33FBFF
RGB	51, 251, 255
RGB Percent	20%, 98%, 100%
CMY	0.7999, 0.0157, 0.0000
CMYK	0.80, 0.02, 0.00, 0.00
HSL	181°, 100%, 60%
HSV	181°, 80%, 100%
XYZ	53.9124, 76.9182, 106.6130
YIQ	191.6560, -120.4840, -41.1560

Conversions

Conversions Part 2

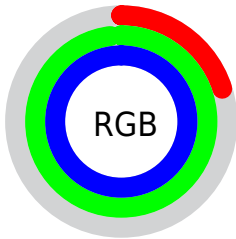
Format	Color
R _{YB}	51, 152, 255
Decimal	3406847
CIE _{Lab}	90.28, -44.23, -15.35
CIE _{LCh}	90, 46.817, 199.142
Y _{xy}	76.9182, 0.2271, 0.3239
Android (android.graphics.Color)	4281596927 (0xFF33FBFF)
YUV	191.6560, 31.2286, -123.3553
Hunter-Lab	87.7030, -43.7536, -10.6816

Details

The XYZ color **53.9124, 76.9182, 106.6130** 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 **43.2048, 24.2329, 5.5343**, and the grayscale version is **49.7804, 52.3729, 57.0341**.

A 20% lighter version of the original color is **63.6415, 83.8083, 107.4301**, and **29.4848, 42.6608, 60.1064** is the 20% darker color. If you saturate the color by 10%, you get **52.8063, 76.1183, 106.5169**, and if you desaturate by 10%, it is **55.7264, 78.0870, 106.7430**.

Distribution



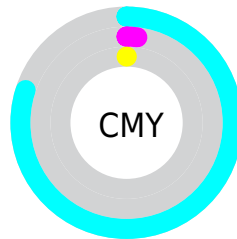
- Red (20%)
- Green (98%)
- Blue (100%)



- Red (20%)
- Yellow (60%)
- Blue (100%)



- Cyan (80%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)





- Cyan (80%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.9124, 76.9182, 106.6130 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 53.9124, 76.9182, 106.6130 by changing the saturation by 10% instead.


 53.9124, 76.9182,
106.6130


 53.9124, 76.9182,
106.6130


391.9797,
484.4851, 602.6197


 38.7620, 57.1857,
81.1871


 95.1033, 129.0240,
172.3465


 26.7545, 41.1544,
60.1638


 121.8745,
162.1661, 213.4913

 17.5246, 28.4397,
43.1245

 153.2500,
200.5470, 260.7127

 10.7068, 18.6574,
29.6507

 189.5951,
244.5509, 314.4295

 5.9359, 11.4230,
19.3238

231.2753,
294.5622, 375.0600

 2.8464, 6.3521,
11.7253

278.6559,

 1.0731, 3.0603,

350.9654, 443.0228

6.4367

332.1023,
414.1449, 518.7365

■ 0.0024, 1.1633,
3.0393

■ 0.0000, 0.0314,
1.1148

■ 53.9124, 76.9182,
106.6130

■ 53.9124, 76.9182,
106.6130

■ 52.8063, 76.1183,
106.5169

■ 55.7264, 78.0870,
106.7430

■ 52.2372, 75.5942,
106.4457

■ 58.3428, 79.6684,
106.9103

■ 52.2369, 75.5938,
106.4456

■ 61.8481, 81.7087,
107.1194

■ 66.3161, 84.2459,
107.3736

71.8129, 87.3140,
107.6761

78.3988, 90.9442,
108.0297

86.1294, 95.1652,
108.4369

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.



53.2312, 76.9182, 72.2317



53.9124, 76.9182, 106.6130



59.4041, 76.9182, 142.2872

Triad

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



53.9124, 76.9182, 106.6130



91.4049, 76.9182, 133.1534



77.4123, 76.9182, 35.2036

Complementary

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



53.9124, 76.9182, 106.6130



43.2048, 24.2329, 5.5343

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.



88.7733, 76.9182, 43.9777



53.9124, 76.9182, 106.6130



97.4043, 76.9182, 96.4339

Square

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



53.9124, 76.9182, 106.6130



80.7073, 76.9182, 160.2073



96.3930, 76.9182, 64.4156



66.0021, 76.9182, 36.5676

Rectangle

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



53.9124, 76.9182, 106.6130



65.4149, 76.9182, 159.1965



96.3930, 76.9182, 64.4156



81.3827, 76.9182, 36.9472

Sweetspot

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



53.9145, 76.9209, 106.6134



75.6255, 89.4203, 107.8817



37.8018, 72.4945, 15.5421



15.6916, 18.8663, 23.0645



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.



53.9145, 76.9209, 106.6134



52.4267, 75.7839, 106.4723



30.2602, 29.6124, 98.7286



18.5226, 20.4167, 23.2145



27.3088, 39.5271, 55.6248



2.6683, 3.8673, 5.4191

Inverse Universe

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



59.8378, 30.5945, 94.0214



58.6381, 28.3964, 93.0008



53.7951, 45.4134, 9.0644



18.7764, 18.2939, 22.7057



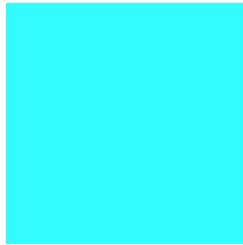
30.5724, 14.7183, 48.5262



2.9814, 1.4350, 4.7497

Previews

White Background



This preview shows how the XYZ color 53.9124, 76.9182, 106.6130 looks on a white background.

Color Contrast Check

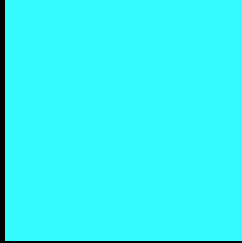
Large Text (above 18pt) WCAG AA × Fail

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 53.9124, 76.9182, 106.6130 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 53.9124, 76.9182, 106.6130

Background



This preview shows how black text looks on a background with the XYZ color 53.9124, 76.9182, 106.6130.

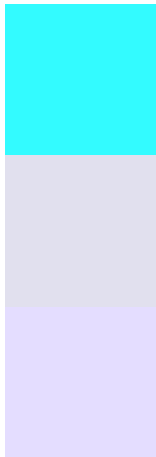


This preview shows how white text looks on a background with the XYZ color 53.9124, 76.9182,

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

53.9124, 76.9182, 106.6130

Protanopia

73.1396, 75.4919, 91.6054

Deuteranopia

75.9014, 75.4269, 105.1662



Tritanopia

61.3594, 76.2416, 106.0899

Trichromacy



Original Color

53.9124, 76.9182, 106.6130



Protanomaly

60.6522, 73.0587, 96.4930



Deuteranomaly

62.2165, 72.8257, 105.3854



Tritanomaly

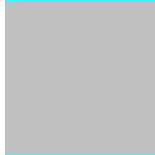
57.2580, 75.9043, 106.2409

Monochromacy



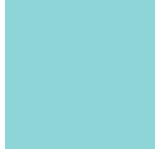
Original Color

53.9124, 76.9182, 106.6130



Achromatopsia

50.1023, 52.7115, 57.4028



Achromatomaly

47.0445, 58.1575, 73.0360

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9124, 76.9182, 106.6130 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(51, 251, 255)` looks like.

```
.text, #text, p{  
    color:rgb(51, 251, 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(51, 251, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 251, 255) }
```

Border

The CSS property to change the border of an element to XYZ 53.9124, 76.9182, 106.6130 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(51, 251, 255) }
```


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

```
.border{ border-color:rgb(51, 251, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 251, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 251, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 251, 255);  
box-shadow:4px 4px 4px 4px rgb(51, 251,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9124, 76.9182, 106.6130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 251, 255) }
```

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

```
.background{ background-color: rgb(51, 251,  
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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