

Converting Colors

XYZ(53.1266, 77.1216,
100.2572)

Have a look what the booklet for
XYZ(53.1266, 77.1216, 100.2572)
contains.

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Color

**XYZ(53.0671, 77.0931,
100.0792)**

Conversions

Conversions Part 1

Format	Color
Hex	35FCF7
RGB	53, 252, 247
RGB Percent	21%, 99%, 97%
CMY	0.7921, 0.0118, 0.0314
CMYK	0.79, 0.00, 0.02, 0.01
HSL	178°, 97%, 60%
HSV	178°, 79%, 99%
XYZ	53.0671, 77.0931, 100.0792
YIQ	191.9290, -116.9990, -43.7430

Conversions

Conversions Part 2

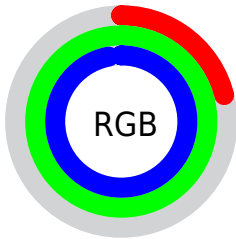
Format	Color
R _Y B	53, 154, 252
Decimal	3538167
CIE Lab	90.36, -46.75, -11.07
CIE LCh	90, 48.043, 193.322
Yxy	77.0931, 0.2305, 0.3348
Android (android.graphics.Color)	4281728247 (0xFF35FCF7)
YUV	191.9290, 27.1500, -121.8407
Hunter-Lab	87.8027, -45.7710, -6.1180

Details

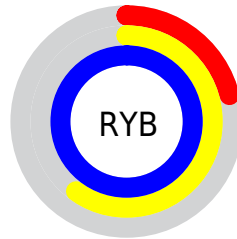
The XYZ color **53.0671, 77.0931, 100.0792** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **42.1843, 23.5495, 6.3276**, and the grayscale version is **49.9608, 52.5626, 57.2407**.

A 20% lighter version of the original color is **63.8017, 83.8909, 107.4376**, and **28.9191, 42.7918, 56.0257** is the 20% darker color. If you saturate the color by 10%, you get **51.9766, 76.5439, 99.5204**, and if you desaturate by 10%, it is **54.8580, 78.0067, 100.6760**.

Distribution



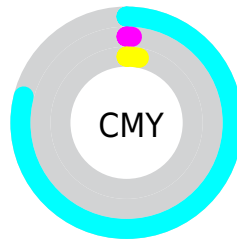
- Red (21%)
- Green (99%)
- Blue (97%)



- Red (21%)
- Yellow (60%)
- Blue (99%)



- Cyan (79%)
- Magenta (0%)
- Yellow (2%)
- Black (1%)





- Cyan (79%)
- Magenta (1%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.0671, 77.0931, 100.0792 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 53.0671, 77.0931, 100.0792 by changing the saturation by 10% instead.


 53.0671, 77.0931,
100.0792


 53.0671, 77.0931,
100.0792


388.7992,
485.0814, 581.6954


 38.0840, 57.3293,
75.7494


 93.8680, 129.2709,
163.3188


 26.2254, 41.2697,
55.7216


 120.4166,
162.4537, 203.0658

 17.1259, 28.5299,
39.5773


 151.5511,
200.8782, 248.7889

 10.4202, 18.7255,
26.8978

 187.6368,
244.9289, 300.9067

 5.7428, 11.4721,
17.2648

229.0391,
294.9902, 359.8377

 2.7285, 6.3853,
10.2595

276.1234,

 1.0119, 3.0808,

351.4465, 426.0004

5.4635

329.2549,
414.6821, 499.8135

0.0000, 1.1740,
2.4582

0.0000, 0.0403,
0.8179

53.0671, 77.0931,
100.0792

53.0671, 77.0931,
100.0792

51.9766, 76.5439,
99.5204

54.8580, 78.0067,
100.6760


51.4382, 76.2776,
98.9875

57.4381, 79.3255,
101.3097


51.3954, 76.2567,
98.9329


60.8905, 81.0938,
101.9859


65.2860, 83.3484,
102.7081

 70.6881, 86.1218,
103.4791

 77.1549, 89.4441,
104.3016

 84.7400, 93.3428,
105.1782

 93.4934, 97.8437,
106.1113

 93.7339, 97.9561,
106.6477

Harmonies

Analogous

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



53.3491, 77.0931, 66.3959



53.0671, 77.0931, 100.0792



57.7613, 77.0931, 137.8280

Triad

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



53.0671, 77.0931, 100.0792



90.2429, 77.0931, 141.6648



80.0864, 77.0931, 35.2774

Complementary

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



53.0671, 77.0931, 100.0792



42.1843, 23.5495, 6.3276

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.



91.3432, 77.0931, 46.3261



53.0671, 77.0931, 100.0792



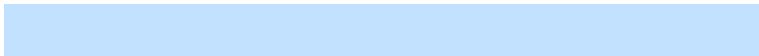
97.6304, 77.0931, 104.3336

Square

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



53.0671, 77.0931, 100.0792



78.7119, 77.0931, 165.8941



98.0537, 77.0931, 69.6387



68.0938, 77.0931, 34.7194

Rectangle

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



53.0671, 77.0931, 100.0792



63.4113, 77.0931, 157.7663



98.0537, 77.0931, 69.6387



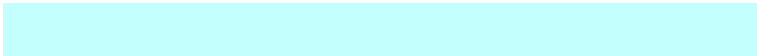
84.1112, 77.0931, 37.7148

Sweetspot

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



53.0694, 77.0960, 100.0810



75.7601, 90.0842, 106.7095



37.2969, 70.8301, 15.0760



15.7246, 19.0294, 22.7765



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.



53.0694, 77.0960, 100.0810



53.0072, 78.4376, 101.8955



31.4631, 32.6313, 96.7388



17.7459, 19.6006, 22.1283



26.7803, 39.7251, 51.5798



2.4861, 3.6816, 4.8078

Inverse Universe

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



42.1843, 23.5495, 6.3276



41.4969, 21.5880, 2.5887



51.0492, 41.4733, 8.6847



17.2623, 17.2323, 17.9711



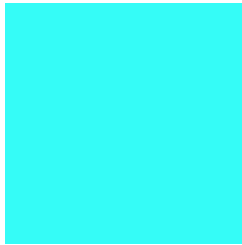
20.9379, 10.7909, 1.1155



1.9452, 1.0018, 0.1350

Previews

White Background



This preview shows how the XYZ color 53.0671, 77.0931, 100.0792 looks on a white background.

Color Contrast Check

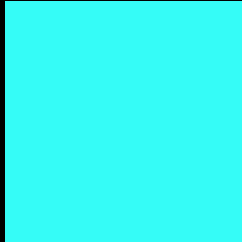
Large Text (above 18pt) WCAG AA × Fail

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 53.0671, 77.0931, 100.0792 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

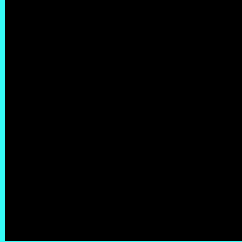
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.0671, 77.0931, 100.0792

Background



This preview shows how black text looks on a background with the XYZ color 53.0671, 77.0931, 100.0792.

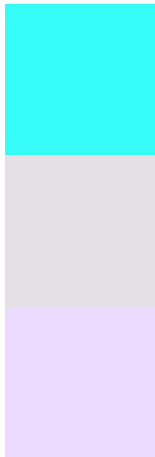


This preview shows how white text looks on a background with the XYZ color 53.0671, 77.0931,

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

53.0671, 77.0931, 100.0792

Protanopia

72.9335, 75.5185, 85.5954

Deuteranopia

77.1526, 75.3112, 104.2361



Tritanopia

61.5379, 76.3336, 106.0982

Trichromacy



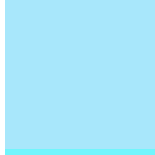
Original Color

53.0671, 77.0931, 100.0792



Protanomaly

59.8730, 72.7943, 90.2519



Deuteranomaly

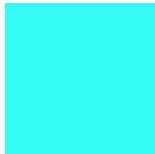
62.1369, 72.4417, 101.9745



Tritanomaly

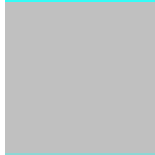
57.0331, 75.8438, 103.7288

Monochromacy



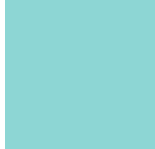
Original Color

53.0671, 77.0931, 100.0792



Achromatopsia

50.1023, 52.7115, 57.4028



Achromatomaly

46.9147, 58.5093, 71.1081

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0671, 77.0931, 100.0792 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(53, 252, 247)` looks like.

```
.text, #text, p{  
    color:rgb(53, 252, 247)  
}
```

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(53, 252, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 252, 247) }
```

Border

The CSS property to change the border of an element to XYZ 53.0671, 77.0931, 100.0792 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(53, 252, 247) }
```


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

```
.border{ border-color:rgb(53, 252, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 252, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 252, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 252, 247);  
box-shadow:4px 4px 4px 4px rgb(53, 252,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0671, 77.0931, 100.0792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 252, 247) }
```

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

```
.background{ background-color: rgb(53, 252,  
247) }
```

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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