

Converting Colors

XYZ(51.2798, 73.6321,
106.1174)

Have a look what the booklet for
XYZ(51.2798, 73.6321, 106.1174)
contains.

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Color

**XYZ(51.3483, 73.7609,
106.1387)**

Conversions

Conversions Part 1

Format	Color
Hex	03F7FF
RGB	3, 247, 255
RGB Percent	1%, 97%, 100%
CMY	0.9879, 0.0314, 0.0000
CMYK	0.99, 0.03, 0.00, 0.00
HSL	182°, 100%, 51%
HSV	182°, 99%, 100%
XYZ	51.3483, 73.7609, 106.1387
YIQ	174.9560, -147.9920, -49.2400

Conversions

Conversions Part 2

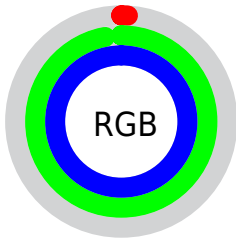
Format	Color
R_{YB}	3, 127, 255
Decimal	260095
CIE _{Lab}	88.81, -44.54, -17.60
CIE _{LCh}	89, 47.892, 201.561
Yxy	73.7609, 0.2220, 0.3190
Android (android.graphics.Color)	4278450175 (0xFF03F7FF)
YUV	174.9560, 39.4617, -150.8054
Hunter-Lab	85.8842, -43.5760, -13.1538

Details

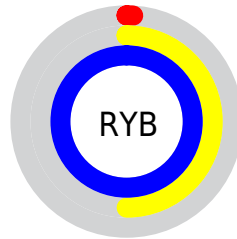
The XYZ color **51.3483, 73.7609, 106.1387** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light saturated cyan. A complement of this color would be **41.3773, 21.5077, 2.0588**, and the grayscale version is **40.5941, 42.7082, 46.5092**.

A 20% lighter version of the original color is **61.6952, 82.8049, 107.3390**, and **28.6065, 40.9041, 59.8136** is the 20% darker color. If you saturate the color by 10%, you get **51.2820, 73.6840, 106.1273**, and if you desaturate by 10%, it is **52.0546, 74.4949, 106.2431**.

Distribution



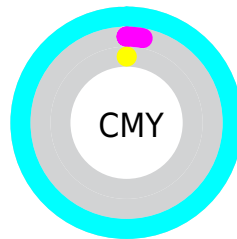
- Red (1%)
- Green (97%)
- Blue (100%)



- Red (1%)
- Yellow (50%)
- Blue (100%)



- Cyan (99%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)



- Cyan (99%)
- Magenta (3%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.3483, 73.7609, 106.1387 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 51.3483, 73.7609, 106.1387 by changing the saturation by 10% instead.

51.3483, 73.7609,
106.1387

51.3483, 73.7609,
106.1387

382.2809,
473.6477, 601.1137

36.7080, 54.5984,
80.7917

91.3493, 124.5568,
171.6931

25.1542, 39.0803,
59.8400

117.4408,
156.9590, 212.7375

16.3213, 26.8222,
42.8653

148.0801,
194.5431, 259.8515

9.8441, 17.4397,
29.4488

183.6326,
237.6937, 313.4536

5.3572, 10.5485,
19.1721

224.4635,
286.7950, 373.9623

2.4952, 5.7641,
11.6166

270.9383,

0.8928, 2.7022,

342.2316, 441.7962

6.3638

323.4223,
404.3877, 517.3738

■ 0.0000, 0.9783,
2.9952

■ 0.0000, 0.0000,
1.0922

■ 51.3483, 73.7609,
106.1387

■ 51.3483, 73.7609,
106.1387

■ 51.2820, 73.6840,
106.1273

■ 52.0546, 74.4949,
106.2431

■ 53.3343, 75.5244,
106.3744

■ 55.3316, 76.9255,
106.5396

■ 58.1449, 78.7489,
106.7432

■ 61.8571, 81.0372,
106.9893

■ 66.5410, 83.8281,
107.2811

■ 72.2618, 87.1552,
107.6218

■ 79.0793, 91.0492,
108.0141

■ 87.0485, 95.5386,
108.4606

Harmonies

Analogous

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



50.2843, 73.7609, 71.3011



51.3483, 73.7609, 106.1387



57.1395, 73.7609, 141.4303

Triad

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



51.3483, 73.7609, 106.1387



89.0620, 73.7609, 126.9116



73.4311, 73.7609, 32.2608

Complementary

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



51.3483, 73.7609, 106.1387



41.3773, 21.5077, 2.0588

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.



84.9027, 73.7609, 39.9613



51.3483, 73.7609, 106.1387



94.5563, 73.7609, 90.0541

Square

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



51.3483, 73.7609, 106.1387



78.6245, 73.7609, 155.5418



92.9557, 73.7609, 59.0583



62.2289, 73.7609, 34.3607

Rectangle

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



51.3483, 73.7609, 106.1387



63.2889, 73.7609, 157.3974



92.9557, 73.7609, 59.0583



77.3991, 73.7609, 33.6897

Sweetspot

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



51.3503, 73.7635, 106.1391



71.5153, 86.7247, 107.5780



35.8383, 71.5558, 12.1316



14.7748, 18.2541, 22.9946



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.



51.3503, 73.7635, 106.1391



51.2820, 73.6840, 106.1273



25.4016, 21.8661, 97.4895



18.5025, 20.3767, 23.2079



26.8180, 38.5457, 55.4612



2.6261, 3.7829, 5.4050

Inverse Universe

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



58.0624, 28.0423, 90.3510



58.0140, 27.9696, 90.2606



49.6767, 38.1064, 4.8253



18.7663, 18.2898, 22.6525



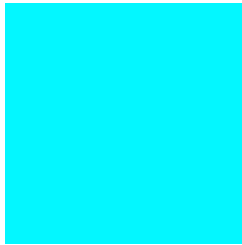
30.3247, 14.6192, 47.2218



2.9601, 1.4264, 4.6375

Previews

White Background



This preview shows how the XYZ color 51.3483, 73.7609, 106.1387 looks on a white background.

Color Contrast Check

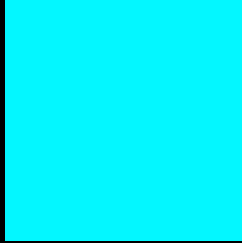
Large Text (above 18pt) WCAG AA × Fail

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 51.3483, 73.7609, 106.1387 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

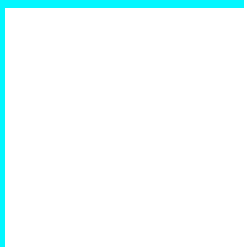
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.3483, 73.7609, 106.1387

Background



This preview shows how black text looks on a background with the XYZ color 51.3483, 73.7609, 106.1387.



This preview shows how white text looks on a background with the XYZ color 51.3483, 73.7609,

Color Blindness Simulation

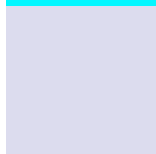
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

51.3483, 73.7609, 106.1387



Protanopia

70.5410, 72.5751, 91.1794



Deuteranopia

72.9871, 72.3753, 104.7307



Tritanopia

56.8017, 73.0180, 105.7079

Trichromacy



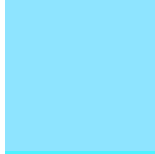
Original Color

51.3483, 73.7609, 106.1387



Protanomaly

55.6105, 68.7880, 95.9344



Deuteranomaly

56.9487, 68.4576, 104.8199



Tritanomaly

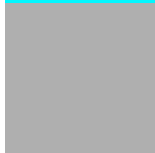
52.9440, 72.3440, 105.7811

Monochromacy



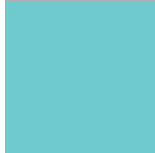
Original Color

51.3483, 73.7609, 106.1387



Achromatopsia

40.7470, 42.8690, 46.6844



Achromatomaly

38.4678, 49.5777, 64.6687

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.3483, 73.7609, 106.1387 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(3, 247, 255)` looks like.

```
.text, #text, p{  
    color:rgb(3, 247, 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(3, 247, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 247, 255) }
```

Border

The CSS property to change the border of an element to XYZ 51.3483, 73.7609, 106.1387 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(3, 247, 255) }
```


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

```
.border{ border-color:rgb(3, 247, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 247, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 247, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 247, 255);  
box-shadow:4px 4px 4px 4px rgb(3, 247,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 51.3483, 73.7609, 106.1387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 247, 255) }
```

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

```
.background{ background-color: rgb(3, 247,  
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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