

Converting Colors

XYZ(53.5958, 76.2848,
106.5074)

Have a look what the booklet for
XYZ(53.5958, 76.2848, 106.5074)
contains.

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Color

**XYZ(53.6008, 76.2950,
106.5091)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 33FAFF |
| RGB | 51, 250, 255 |
| RGB Percent | 20%, 98%, 100% |
| CMY | 0.7999, 0.0196, 0.0000 |
| CMYK | 0.80, 0.02, 0.00, 0.00 |
| HSL | 181°, 100%, 60% |
| HSV | 181°, 80%, 100% |
| XYZ | 53.6008, 76.2950, 106.5091 |
| YIQ | 191.0690, -120.2090, -40.6330 |

Conversions

Conversions Part 2

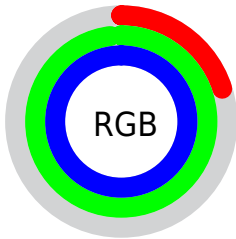
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 51, 152, 255 |
| Decimal | 3406591 |
| CIELab | 90.00, -43.79, -15.78 |
| CIELCh | 90, 46.545, 199.823 |
| Yxy | 76.2950, 0.2267, 0.3227 |
| Android (android.graphics.Color) | 4281596671 (0xFF33FAFF) |
| YUV | 191.0690, 31.5180, -122.8405 |
| Hunter-Lab | 87.3470, -43.3201, -11.1541 |

Details

The XYZ color **53.6008, 76.2950, 106.5091** 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 **43.2528, 24.3289, 5.5503**, and the grayscale version is **49.4380, 52.0127, 56.6418**.

A 20% lighter version of the original color is **63.6415, 83.8083, 107.4301**, and **29.2630, 42.2171, 60.0325** is the 20% darker color. If you saturate the color by 10%, you get **52.4567, 75.4192, 106.4003**, and if you desaturate by 10%, it is **55.4529, 77.5401, 106.6518**.

Distribution



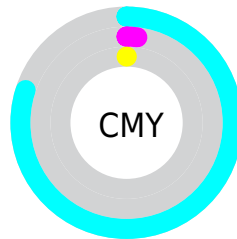
- Red (20%)
- Green (98%)
- Blue (100%)



- 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 53.6008, 76.2950, 106.5091 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 53.6008, 76.2950, 106.5091 by changing the saturation by 10% instead.


 53.6008, 76.2950,
106.5091


 53.6008, 76.2950,
106.5091


390.8091,
482.3569, 602.2899


 38.5120, 56.6744,
81.1005


 94.6482, 128.1438,
172.2034


 26.5593, 40.7439,
60.0929


 121.3375,
161.1409, 213.3262

 17.3774, 28.1190,
43.0677


 152.6243,
199.3655, 260.5241

 10.6009, 18.4154,
29.6065

 188.8741,
243.2022, 314.2158

 5.8645, 11.2486,
19.2906

230.4521,
293.0353, 374.8196

 2.8027, 6.2343,
11.7015

277.7237,

 1.0503, 2.9881,

349.2492, 442.7542

6.4207

331.0542,
412.2283, 518.4382

■ 0.0000, 1.1255,
3.0296

■ 0.0000, 0.0000,
1.1098

■ 53.6008, 76.2950,
106.5091

■ 53.6008, 76.2950,
106.5091

■ 52.4567, 75.4192,
106.4003

■ 55.4529, 77.5401,
106.6518

■ 51.8500, 74.8197,
106.3166

■ 58.1077, 79.1982,
106.8319

■ 51.8497, 74.8194,
106.3166

■ 61.6516, 81.3157,
107.0539

■ 66.1585, 83.9306,
107.3210

■ 71.6944, 87.0769,
107.6366

■ 78.3196, 90.7857,
108.0033

■ 86.0898, 95.0857,
108.4237

■ 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.



52.8162, 76.2950, 72.3540



53.6008, 76.2950, 106.5091



59.1368, 76.2950, 141.6182

Triad

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



53.6008, 76.2950, 106.5091



90.8020, 76.2950, 131.1194



76.5031, 76.2950, 34.9506

Complementary

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



53.6008, 76.2950, 106.5091



43.2528, 24.3289, 5.5503

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.



87.7750, 76.2950, 43.4008



53.6008, 76.2950, 106.5091



96.5908, 76.2950, 94.8000

Square

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



53.6008, 76.2950, 106.5091



80.2944, 76.2950, 158.2338



95.4279, 76.2950, 63.3535



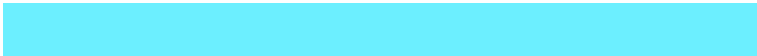
65.2571, 76.2950, 36.5246

Rectangle

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



53.6008, 76.2950, 106.5091



65.1370, 76.2950, 158.0274



95.4279, 76.2950, 63.3535



80.4325, 76.2950, 36.6023

Sweetspot

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



53.6029, 76.2977, 106.5095



75.5305, 89.2302, 107.8500



37.8018, 72.4945, 15.5421



15.6682, 18.8196, 23.0567



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.



53.6029, 76.2977, 106.5095



52.0545, 75.0395, 106.3483



30.2602, 29.6124, 98.7286



18.5145, 20.4006, 23.2118



27.1098, 39.1292, 55.5584



2.6512, 3.8331, 5.4134

Inverse Universe

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



59.6805, 30.5316, 93.1931



58.4502, 28.3212, 92.0115



53.7951, 45.4135, 9.0644



18.7723, 18.2922, 22.6842



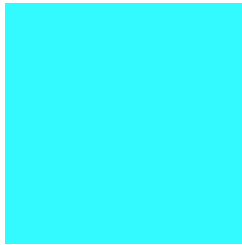
30.4720, 14.6781, 47.9973



2.9728, 1.4315, 4.7042

Previews

White Background



This preview shows how the XYZ color 53.6008, 76.2950, 106.5091 looks on a white background.

Color Contrast Check

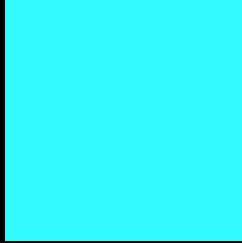
Large Text (above 18pt) WCAG AA × Fail

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 53.6008, 76.2950, 106.5091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

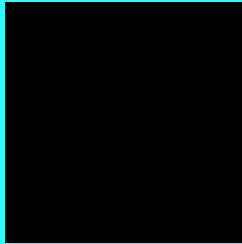
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

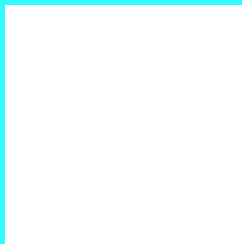
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.6008, 76.2950, 106.5091

Background



This preview shows how black text looks on a background with the XYZ color 53.6008, 76.2950, 106.5091.

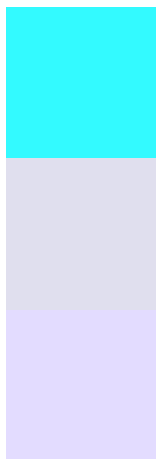


This preview shows how white text looks on a background with the XYZ color 53.6008, 76.2950,

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

53.6008, 76.2950, 106.5091

Protanopia

72.5608, 74.7957, 91.5016

Deuteranopia

75.3218, 74.7373, 105.0636



Tritanopia

60.6606, 75.8814, 106.0572

Trichromacy



Original Color

53.6008, 76.2950, 106.5091



Protanomaly

60.1660, 72.3865, 96.3889



Deuteranomaly

61.7302, 72.1584, 105.2822



Tritanomaly

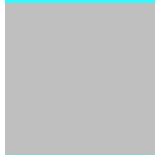
56.7074, 75.1726, 106.1287

Monochromacy



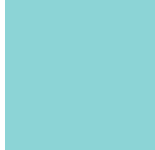
Original Color

53.6008, 76.2950, 106.5091



Achromatopsia

49.5206, 52.0996, 56.7364



Achromatomaly

46.4963, 57.5175, 72.2697

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6008, 76.2950, 106.5091 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, 250, 255)` looks like.

```
.text, #text, p{  
    color:rgb(51, 250, 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, 250, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 250, 255) }
```

Border

The CSS property to change the border of an element to XYZ 53.6008, 76.2950, 106.5091 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, 250, 255) }
```


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

```
.border{ border-color:rgb(51, 250, 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, 250, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 250, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 250, 255);  
box-shadow:4px 4px 4px 4px rgb(51, 250,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6008, 76.2950, 106.5091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 250, 255) }
```

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

```
.background{ background-color: rgb(51, 250,  
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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