

Converting Colors

XYZ(53.5989, 76.2912,
106.5085)

Have a look what the booklet for
XYZ(53.5989, 76.2912, 106.5085)
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

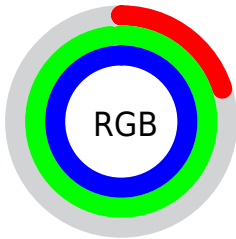
Format	Color
RYB	51, 152, 255
Decimal	3406591
CIELab	90.00, -43.79, -15.78
CIELCh	90, 46.545, 199.823
Yxy	76.2950, 0.2267, 0.3227
Android (android.graphics.Color)	4281596671 (0xFF33FAFF)
YUV	191.0690, 31.5180, -122.8405
Hunter-Lab	87.3470, -43.3201, -11.1541

Details

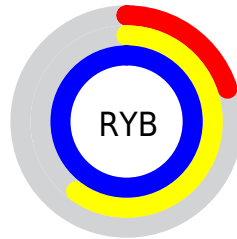
The XYZ color **53.6008, 76.2950, 106.5091** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **43.2528, 24.3289, 5.5503**, and the grayscale version is **49.4380, 52.0127, 56.6418**.

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



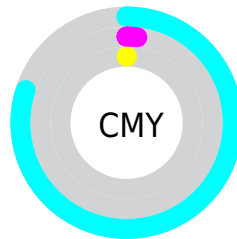
- Red (20%)
- Green (98%)
- Blue (100%)



- 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



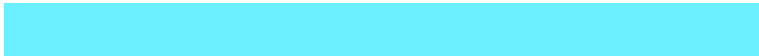
65.2571, 76.2950, 36.5246

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



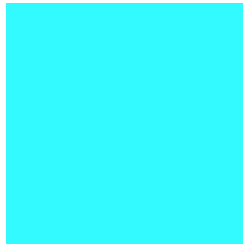
30.4720, 14.6781, 47.9973



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

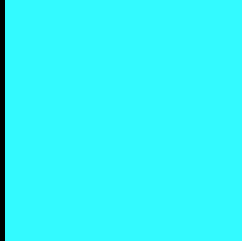
Large Text (above 18pt) WCAG AA × Fail

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

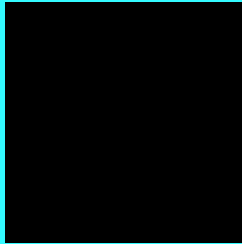
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

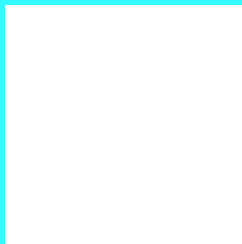
If you want to check with other color combinations, try the [Color Contrast Checker](#).

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

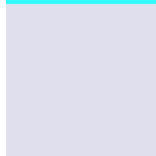
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



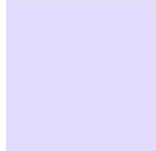
Original Color

53.6008, 76.2950, 106.5091



Protanopia

72.5608, 74.7957, 91.5016



Deuteranopia

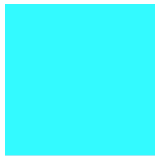
75.3218, 74.7373, 105.0636



Tritanopia

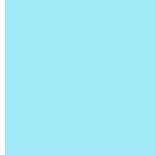
60.6606, 75.8814, 106.0572

Trichromacy



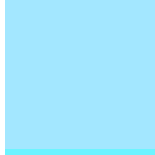
Original Color

53.6008, 76.2950, 106.5091



Protanomaly

60.1660, 72.3865, 96.3889



Deuteranomaly

61.7302, 72.1584, 105.2822



Tritanomaly

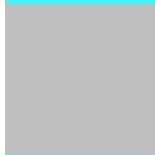
56.7074, 75.1726, 106.1287

Monochromacy



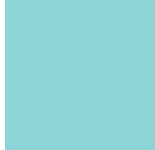
Original Color

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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