

Converting Colors

XYZ(60.8274, 79.6395,
144.4675)

Have a look what the booklet for
XYZ(60.8274, 79.6395, 144.4675)
contains.

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Color

**XYZ(53.6294, 76.7722,
106.5997)**

Conversions

Conversions Part 1

Format	Color
Hex	2DFBFF
RGB	45, 251, 255
RGB Percent	18%, 98%, 100%
CMY	0.8234, 0.0157, 0.0000
CMYK	0.82, 0.02, 0.00, 0.00
HSL	181°, 100%, 59%
HSV	181°, 82%, 100%
XYZ	53.6294, 76.7722, 106.5997
YIQ	189.8620, -124.0600, -42.4280

Conversions

Conversions Part 2

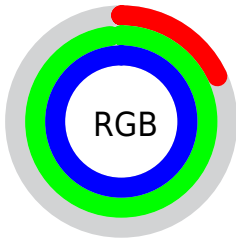
Format	Color
RYB	45, 149, 255
Decimal	3013631
CIELab	90.22, -44.66, -15.46
CIELCh	90, 47.264, 199.093
Yxy	76.7722, 0.2263, 0.3239
Android (android.graphics.Color)	4281203711 (0xFF2DFBFF)
YUV	189.8620, 32.1130, -127.0440
Hunter-Lab	87.6197, -44.0801, -10.7994

Details

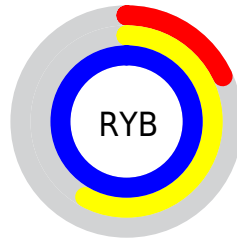
The XYZ color **53.6294, 76.7722, 106.5997** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **42.8132, 23.6479, 4.7930**, and the grayscale version is **48.7411, 51.2794, 55.8433**.

A 20% lighter version of the original color is **63.3257, 83.6455, 107.4153**, and **29.4848, 42.6608, 60.1064** is the 20% darker color. If you saturate the color by 10%, you get **52.6757, 76.0574, 106.5120**, and if you desaturate by 10%, it is **55.2638, 77.8418, 106.7200**.

Distribution



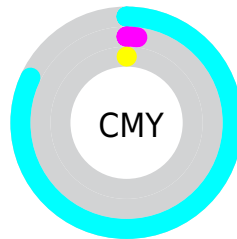
- Red (18%)
- Green (98%)
- Blue (100%)



- Red (18%)
- Yellow (58%)
- Blue (100%)



- Cyan (82%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)





- Cyan (82%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.6294, 76.7722, 106.5997 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 53.6294, 76.7722, 106.5997 by changing the saturation by 10% instead.

 53.6294, 76.7722,
106.5997


 53.6294, 76.7722,
106.5997


390.9167,
483.9870, 602.5775


 38.5349, 57.0659,
81.1761


 94.6900, 128.8179,
172.3282


 26.5772, 41.0582,
60.1548


 121.3868,
161.9261, 213.4701

 17.3909, 28.3645,
43.1173


 152.6818,
200.2703, 260.6886

 10.6106, 18.6006,
29.6451

 188.9403,
244.2351, 314.4021

 5.8710, 11.3821,
19.3196

230.5277,
294.2048, 375.0292

 2.8067, 6.3244,
11.7223

277.8093,

 1.0524, 3.0433,

350.5637, 442.9884

6.4346

331.1505,
413.6963, 518.6983

■ 0.0000, 1.1544,
3.0381

■ 0.0000, 0.0240,
1.1141

■ 53.6294, 76.7722,
106.5997

■ 53.6294, 76.7722,
106.5997

■ 52.6757, 76.0574,
106.5120

■ 55.2638, 77.8418,
106.7200

■ 52.2812, 75.6823,
106.4604

■ 57.6786, 79.3126,
106.8766

■ 60.9636, 81.2326,
107.0741

■ 65.1947, 83.6409,
107.3159

70.4396, 86.5725,
107.6053

76.7598, 90.0589,
107.9452

84.2121, 94.1296,
108.3381

92.8489, 98.8114,
108.7866

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.



52.9523, 76.7722, 71.9334



53.6294, 76.7722, 106.5997



59.1488, 76.7722, 142.6682

Triad

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



53.6294, 76.7722, 106.5997



91.4166, 76.7722, 133.5407



77.3300, 76.7722, 34.7844

Complementary

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



53.6294, 76.7722, 106.5997



42.8132, 23.6479, 4.7930

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.



88.7914, 76.7722, 43.5977



53.6294, 76.7722, 106.5997



97.4860, 76.7722, 96.4465

Square

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



53.6294, 76.7722, 106.5997



80.6142, 76.7722, 160.8831



96.4768, 76.7722, 64.1584



65.8244, 76.7722, 36.1342

Rectangle

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



53.6294, 76.7722, 106.5997



65.1985, 76.7722, 159.8008



96.4768, 76.7722, 64.1584



81.3351, 76.7722, 36.5365

Sweetspot

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



53.6315, 76.7749, 106.6001



74.9729, 89.0771, 107.8498



37.3876, 72.2962, 14.8372



15.5673, 18.8015, 23.0585



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.



53.6315, 76.7749, 106.6001



52.3282, 75.7290, 106.4669



29.4912, 28.4944, 98.5534



18.5235, 20.4186, 23.2148



27.3315, 39.5726, 55.6323



2.6703, 3.8712, 5.4198

Inverse Universe

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



59.5924, 30.1038, 93.9394



58.5536, 28.2297, 92.9657



53.1892, 44.3998, 8.2516



18.7769, 18.2941, 22.7082



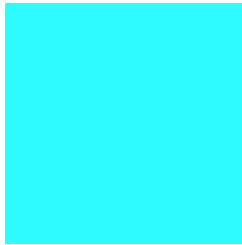
30.5839, 14.7228, 48.5866



2.9824, 1.4353, 4.7549

Previews

White Background



This preview shows how the XYZ color 53.6294, 76.7722, 106.5997 looks on a white background.

Color Contrast Check

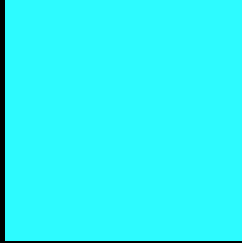
Large Text (above 18pt) WCAG AA × Fail

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 53.6294, 76.7722, 106.5997 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 53.6294, 76.7722, 106.5997

Background



This preview shows how black text looks on a background with the XYZ color 53.6294, 76.7722, 106.5997.

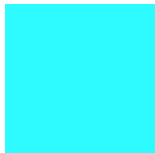


This preview shows how white text looks on a background with the XYZ color 53.6294, 76.7722,

Color Blindness Simulation

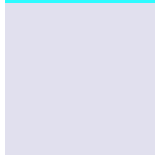
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

53.6294, 76.7722, 106.5997



Protanopia

73.1396, 75.4919, 91.6054



Deuteranopia

75.9014, 75.4269, 105.1662



Tritanopia

61.0069, 76.0599, 106.0734

Trichromacy



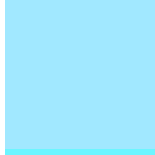
Original Color

53.6294, 76.7722, 106.5997



Protanomaly

60.2492, 72.8509, 96.4741



Deuteranomaly

61.6046, 72.5103, 105.3567



Tritanomaly

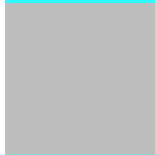
56.8867, 75.7130, 106.2236

Monochromacy



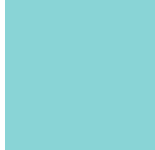
Original Color

53.6294, 76.7722, 106.5997



Achromatopsia

48.9429, 51.4918, 56.0745



Achromatomaly

45.9976, 57.2604, 72.2464

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6294, 76.7722, 106.5997 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(45, 251, 255)` looks like.

```
.text, #text, p{  
    color:rgb(45, 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(45, 251, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 251, 255) }
```

Border

The CSS property to change the border of an element to XYZ 53.6294, 76.7722, 106.5997 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(45, 251, 255) }
```


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

```
.border{ border-color:rgb(45, 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(45, 251, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 251, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 251, 255);  
box-shadow:4px 4px 4px 4px rgb(45, 251,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6294, 76.7722, 106.5997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 251, 255) }
```

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

```
.background{ background-color: rgb(45, 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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