

Converting Colors

XYZ(53.5656, 76.3034, 99.0616)

Have a look what the booklet for
XYZ(53.5656, 76.3034, 99.0616)
contains.

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Color

**XYZ(53.6442, 76.4809,
99.1237)**

Conversions

Conversions Part 1

Format	Color
Hex	4AFAF6
RGB	74, 250, 246
RGB Percent	29%, 98%, 96%
CMY	0.7098, 0.0196, 0.0353
CMYK	0.70, 0.00, 0.02, 0.02
HSL	179°, 95%, 64%
HSV	179°, 70%, 98%
XYZ	53.6442, 76.4809, 99.1237
YIQ	196.9200, -103.6120, -38.5560

Conversions

Conversions Part 2

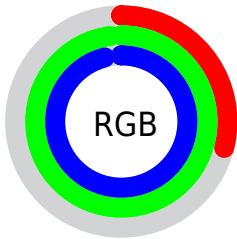
Format	Color
RYB	74, 163, 250
Decimal	4913910
CIELab	90.08, -44.05, -10.94
CIELCh	90, 45.384, 193.944
Yxy	76.4809, 0.2340, 0.3336
Android (android.graphics.Color)	4283103990 (0xFF4AF6)
YUV	196.9200, 24.1964, -107.8008
Hunter-Lab	87.4534, -43.5508, -5.9847

Details

The XYZ color **53.6442, 76.4809, 99.1237** 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 **43.2508, 25.7740, 9.9055**, and the grayscale version is **52.9290, 55.6854, 60.6414**.

A 20% lighter version of the original color is **65.6641, 84.8510, 107.5248**, and **28.3642, 41.8576, 55.2996** is the 20% darker color. If you saturate the color by 10%, you get **52.0016, 75.6459, 98.5937**, and if you desaturate by 10%, it is **56.0559, 77.7158, 99.6945**.

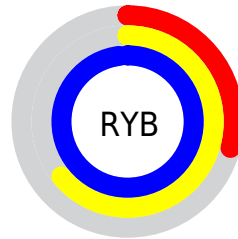
Distribution



Red (29%)

Green (98%)

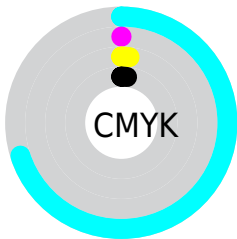
Blue (96%)



Red (29%)

Yellow (64%)

Blue (98%)

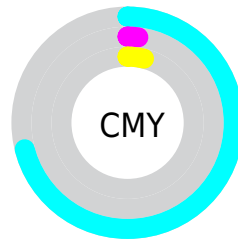


Cyan (70%)

Magenta (0%)

Yellow (2%)

Black (2%)



Cyan (71%)


Magenta (2%)

Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.6442, 76.4809, 99.1237 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 53.6442, 76.4809, 99.1237 by changing the saturation by 10% instead.


 53.6442, 76.4809,
99.1237


 53.6442, 76.4809,
99.1237


390.9723,
482.9923, 578.6022


 38.5468, 56.8269,
74.9561


 94.7116, 128.4065,
161.9938

 26.5865, 40.8663,
55.0754


 121.4123,
161.4468, 201.5334

 17.3979, 28.2146,
39.0631

 152.7115,
199.7181, 247.0340

 10.6156, 18.4875,
26.5006

 188.9746,
243.6048, 298.9142

 5.8744, 11.3006,
16.9694

230.5668,
293.4911, 357.5926

 2.8088, 6.2694,
10.0510

277.8536,

 1.0535, 3.0096,

349.7615, 423.4877

5.3267

331.2003,
412.8005, 497.0181

■ 0.0000, 1.1367,
2.3781

■ 0.0000, 0.0091,
0.7745

■ 53.6442, 76.4809,
99.1237

■ 53.6442, 76.4809,
99.1237

■ 52.0016, 75.6459,
98.5937

■ 56.0559, 77.7158,
99.6945


■ 51.0245, 75.1522,
98.0945

■ 59.3106, 79.3835,
100.3045


■ 50.5644, 74.9246,
97.6387


■ 63.4813, 81.5234,
100.9588


■ 68.6312, 84.1681,
101.6602

 74.8180, 87.3473,
102.4116

 82.0947, 91.0883,
103.2154

 90.5110, 95.4168,
104.0739

 92.7685, 96.5703,
104.6456

 92.8580, 96.6061,
105.1173

Harmonies

Analogous

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



53.8130, 76.4809, 67.2795



53.6442, 76.4809, 99.1237



58.1952, 76.4809, 134.1256

Triad

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



53.6442, 76.4809, 99.1237



88.7719, 76.4809, 136.3577



78.8451, 76.4809, 36.7790

Complementary

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



53.6442, 76.4809, 99.1237



43.2508, 25.7740, 9.9055

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.



89.4179, 76.4809, 47.2388



53.6442, 76.4809, 99.1237



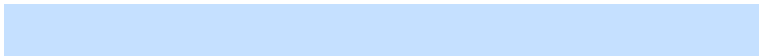
95.5406, 76.4809, 101.6231

Square

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



53.6442, 76.4809, 99.1237



78.0345, 76.4809, 159.0895



95.7886, 76.4809, 69.2121



67.6006, 76.4809, 36.4371

Rectangle

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



53.6442, 76.4809, 99.1237



63.5937, 76.4809, 152.3008



95.7886, 76.4809, 69.2121



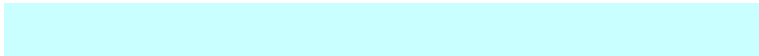
82.6209, 76.4809, 39.0767

Sweetspot

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



53.6465, 76.4838, 99.1255



77.8231, 91.1418, 107.0736



38.7211, 70.5683, 18.0607



16.2547, 19.3012, 22.8707



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.



53.6465, 76.4838, 99.1255



53.9421, 78.8975, 102.9343



34.0602, 36.3174, 95.6604



17.7478, 19.6014, 22.1383



26.8278, 39.7441, 51.8299



2.4900, 3.6831, 4.8281

Inverse Universe

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



43.2508, 25.7740, 9.9055



42.5127, 23.0267, 4.7548



52.5742, 44.6435, 12.3266



17.2606, 17.2316, 17.9622



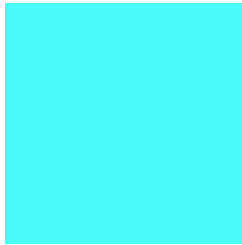
20.9354, 10.7899, 1.1025



1.9444, 1.0015, 0.1308

Previews

White Background



This preview shows how the XYZ color 53.6442, 76.4809, 99.1237 looks on a white background.

Color Contrast Check

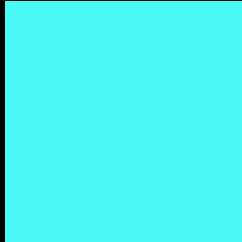
Large Text (above 18pt) WCAG AA × Fail

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 53.6442, 76.4809, 99.1237 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

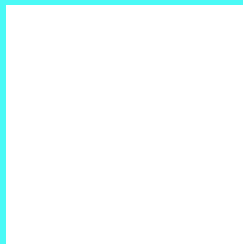
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.6442, 76.4809, 99.1237

Background



This preview shows how black text looks on a background with the XYZ color 53.6442, 76.4809, 99.1237.

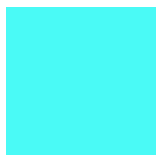


This preview shows how white text looks on a background with the XYZ color 53.6442, 76.4809,

Color Blindness Simulation

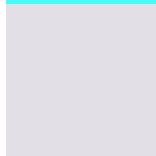
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



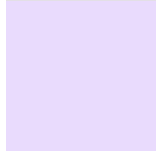
Original Color

53.6442, 76.4809, 99.1237



Protanopia

72.3492, 74.8194, 85.4913



Deuteranopia

76.6654, 75.0785, 103.3794



Tritanopia

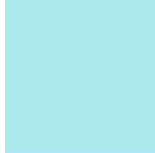
61.0641, 75.6512, 105.9915

Trichromacy



Original Color

53.6442, 76.4809, 99.1237



Protanomaly

61.0738, 72.9919, 90.2268



Deuteranomaly

63.2313, 72.6097, 101.1249



Tritanomaly

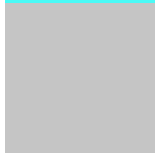
57.6671, 75.7227, 103.6720

Monochromacy



Original Color

53.6442, 76.4809, 99.1237



Achromatopsia

53.0703, 55.8340, 60.8033



Achromatomaly

49.7705, 60.6934, 73.3818

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6442, 76.4809, 99.1237 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(74, 250, 246)` looks like.

```
.text, #text, p{  
    color:rgb(74, 250, 246)  
}
```

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(74, 250, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 250, 246) }
```

Border

The CSS property to change the border of an element to XYZ 53.6442, 76.4809, 99.1237 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(74, 250, 246) }
```


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

```
.border{ border-color:rgb(74, 250, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 250, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 250, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 250, 246);  
box-shadow:4px 4px 4px 4px rgb(74, 250,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6442, 76.4809, 99.1237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 250, 246) }
```

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

```
.background{ background-color: rgb(74, 250,  
246) }
```

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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