

Converting Colors

XYZ(53.3878, 76.2363,
102.2172)

Have a look what the booklet for
XYZ(53.3878, 76.2363, 102.2172)
contains.

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Color

**XYZ(53.4275, 76.2975,
102.3534)**

Conversions

Conversions Part 1

Format	Color
Hex	3EFAFA
RGB	62, 250, 250
RGB Percent	24%, 98%, 98%
CMY	0.7568, 0.0196, 0.0196
CMYK	0.75, 0.00, 0.00, 0.02
HSL	180°, 95%, 61%
HSV	180°, 75%, 98%
XYZ	53.4275, 76.2975, 102.3534
YIQ	193.7880, -112.0480, -39.8560

Conversions

Conversions Part 2

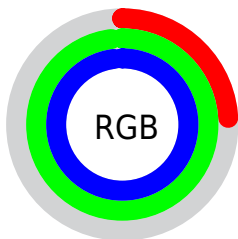
Format	Color
RYB	62, 156, 250
Decimal	4127482
CIELab	90.00, -44.24, -13.17
CIElCh	90, 46.155, 196.573
Yxy	76.2975, 0.2302, 0.3288
Android (android.graphics.Color)	4282317562 (0xFF3EFAFA)
YUV	193.7880, 27.7125, -115.5781
Hunter-Lab	87.3484, -43.6786, -8.3311

Details

The XYZ color **53.4275, 76.2975, 102.3534** 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 **42.0190, 24.1194, 7.0005**, and the grayscale version is **51.0450, 53.7033, 58.4829**.

A 20% lighter version of the original color is **64.4575, 84.2290, 107.4683**, and **28.8076, 42.0350, 57.6342** is the 20% darker color. If you saturate the color by 10%, you get **52.2057, 75.6693, 102.2977**, and if you desaturate by 10%, it is **55.3742, 77.3027, 102.4465**.

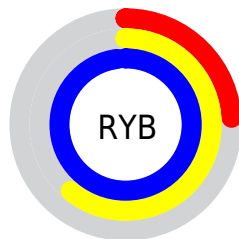
Distribution



Red (24%)

Green (98%)

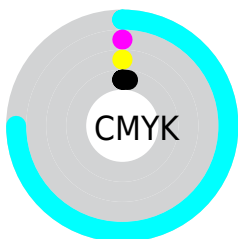
Blue (98%)



Red (24%)

Yellow (61%)

Blue (98%)

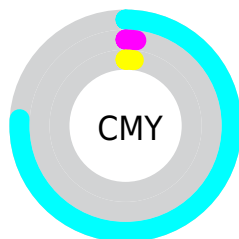


Cyan (75%)

Magenta (0%)

Yellow (0%)

Black (2%)



Cyan (76%)


Magenta (2%)

Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.4275, 76.2975, 102.3534 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 53.4275, 76.2975, 102.3534 by changing the saturation by 10% instead.


 53.4275, 76.2975,
102.3534


 53.4275, 76.2975,
102.3534

390.1572,
482.3655, 589.0228


 38.3730, 56.6765,
77.6396


 94.3950, 128.1474,
166.4676


 26.4508, 40.7456,
57.2633


 121.0386,
161.1450, 206.7050

 17.2957, 28.1203,
40.8059

 152.2761,
199.3703, 252.9541

 10.5421, 18.4164,
27.8489

 188.4726,
243.2076, 305.6333

 5.8249, 11.2493,
17.9737

229.9937,
293.0414, 365.1613

 2.7785, 6.2348,
10.7619

277.2045,

 1.0378, 2.9884,

349.2561, 431.9565

5.7948

330.4706,
412.2360, 506.4375

■ 0.0000, 1.1257,
2.6539

■ 0.0000, 0.0000,
0.9201

■ 53.4275, 76.2975,
102.3534

■ 53.4275, 76.2975,
102.3534

■ 52.2057, 75.6693,
102.2977

■ 55.3742, 77.3027,
102.4465

■ 51.5941, 75.3540,
102.2689

■ 58.1263, 78.7215,
102.5755

■ 51.4422, 75.2757,
102.2616

■ 61.7614, 80.5954,
102.7458

■ 66.3459, 82.9588,
102.9606

71.9399, 85.8426,
103.2226

78.5985, 89.2753,
103.5345

86.3731, 93.2832,
103.8986

92.6827, 96.5359,
104.1941

92.6828, 96.5359,
104.1943

Harmonies

Analogous

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



53.1731, 76.2975, 69.3000



53.4275, 76.2975, 102.3534



58.4353, 76.2975, 137.6847

Triad

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



53.4275, 76.2975, 102.3534



89.6797, 76.2975, 134.2901



77.7424, 76.2975, 35.6605

Complementary

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



53.4275, 76.2975, 102.3534



42.0190, 24.1194, 7.0005

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.



88.7001, 76.2975, 45.2344



53.4275, 76.2975, 102.3534



96.0649, 76.2975, 98.5642

Square

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



53.4275, 76.2975, 102.3534



78.9699, 76.2975, 159.1842



95.6886, 76.2975, 66.3834



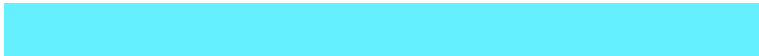
66.4284, 76.2975, 36.1719

Rectangle

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



53.4275, 76.2975, 102.3534



64.1269, 76.2975, 155.2470



95.6886, 76.2975, 66.3834



81.6120, 76.2975, 37.6705

Sweetspot

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



53.4298, 76.3004, 102.3552



76.6660, 90.5227, 108.0391



37.2463, 69.8503, 16.0788



15.9112, 19.1186, 23.1015



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.



53.4298, 76.3004, 102.3552



54.2229, 78.9529, 106.9871



31.6659, 32.7720, 95.1022



17.7659, 19.6086, 22.2337



27.2857, 39.9273, 54.2410



2.5271, 3.6980, 5.0237

Inverse Universe

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



42.0190, 24.1194, 7.0005



41.7794, 22.0492, 3.0023



51.6664, 43.4144, 10.2161



17.2447, 17.2252, 17.8783



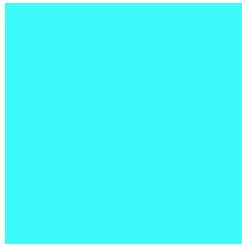
20.9119, 10.7805, 0.9787



1.9368, 0.9985, 0.0907

Previews

White Background



This preview shows how the XYZ color 53.4275, 76.2975, 102.3534 looks on a white background.

Color Contrast Check

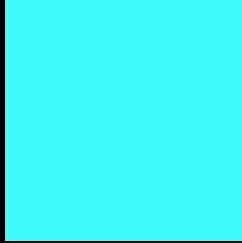
Large Text (above 18pt) WCAG AA × Fail

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 53.4275, 76.2975, 102.3534 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

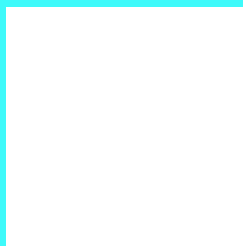
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.4275, 76.2975, 102.3534

Background



This preview shows how black text looks on a background with the XYZ color 53.4275, 76.2975, 102.3534.

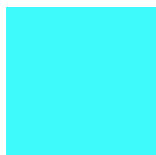


This preview shows how white text looks on a background with the XYZ color 53.4275, 76.2975,

Color Blindness Simulation

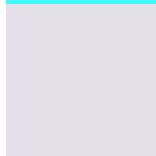
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



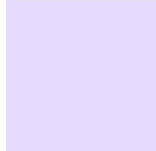
Original Color

53.4275, 76.2975, 102.3534



Protanopia

72.4597, 74.8273, 87.7149



Deuteranopia

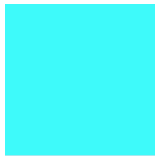
76.0146, 74.7060, 105.0210



Tritanopia

60.5378, 75.3798, 105.9668

Trichromacy



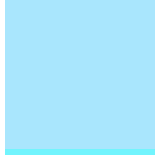
Original Color

53.4275, 76.2975, 102.3534



Protanomaly

60.4448, 72.6168, 92.4920



Deuteranomaly

62.3886, 72.1205, 103.5609



Tritanomaly

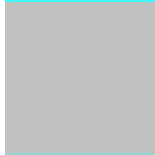
57.0197, 75.3706, 104.4712

Monochromacy



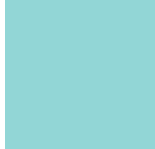
Original Color

53.4275, 76.2975, 102.3534



Achromatopsia

51.2775, 53.9479, 58.7493



Achromatomaly

48.0382, 59.0592, 72.4860

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4275, 76.2975, 102.3534 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(62, 250, 250)` looks like.

```
.text, #text, p{  
    color:rgb(62, 250, 250)  
}
```

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(62, 250, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 250, 250) }
```

Border

The CSS property to change the border of an element to XYZ 53.4275, 76.2975, 102.3534 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(62, 250, 250) }
```


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

```
.border{ border-color:rgb(62, 250, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 250, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 250, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 250, 250);  
box-shadow:4px 4px 4px 4px rgb(62, 250,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4275, 76.2975, 102.3534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 250, 250) }
```

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

```
.background{ background-color: rgb(62, 250,  
250) }
```

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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