

Converting Colors

XYZ(47.9428, 55.5103,
125.2878)

Have a look what the booklet for
XYZ(47.9428, 55.5103, 125.2878)
contains.

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Color

**XYZ(43.7478, 53.9515,
102.7157)**

Conversions

Conversions Part 1

Format	Color
Hex	4ED0FF
RGB	78, 208, 255
RGB Percent	31%, 82%, 100%
CMY	0.6941, 0.1843, 0.0000
CMYK	0.69, 0.18, 0.00, 0.00
HSL	196°, 100%, 65%
HSV	196°, 69%, 100%
XYZ	43.7478, 53.9515, 102.7157
YIQ	174.4880, -92.5670, -12.9430

Conversions

Conversions Part 2

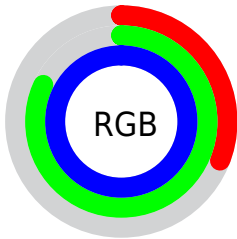
Format	Color
R _Y B	78, 153, 255
Decimal	5165311
CIE Lab	78.43, -20.99, -33.33
CIE LCh	78, 39.393, 237.800
Yxy	53.9515, 0.2183, 0.2692
Android (android.graphics.Color)	4283355391 (0xFF4ED0FF)
YUV	174.4880, 39.6924, -84.6200
Hunter-Lab	73.4517, -22.2259, -31.4957

Details

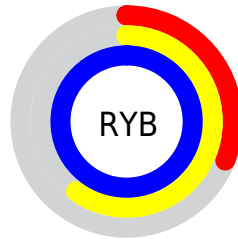
The XYZ color **43.7478, 53.9515, 102.7157** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **49.9503, 36.4796, 11.6185**, and the grayscale version is **40.3216, 42.4215, 46.1970**.

A 20% lighter version of the original color is **65.6641, 84.8510, 107.5248**, and **21.7486, 27.1884, 57.5277** is the 20% darker color. If you saturate the color by 10%, you get **40.4333, 49.8451, 102.0977**, and if you desaturate by 10%, it is **47.9453, 58.6198, 103.3955**.

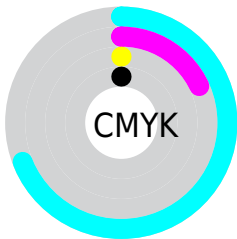
Distribution



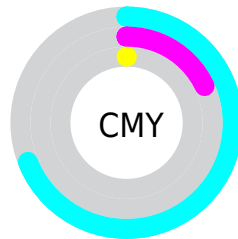
- Red (31%)
- Green (82%)
- Blue (100%)



- Red (31%)
- Yellow (60%)
- Blue (100%)



- Cyan (69%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (69%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.7478, 53.9515, 102.7157 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 43.7478, 53.9515, 102.7157 by changing the saturation by 10% instead.

43.7478, 53.9515,
102.7157

43.7478, 53.9515,
102.7157

352.5477,
401.9250, 590.1857

30.6693, 38.5629,
77.9410

80.0868, 96.0030,
166.9685

20.4978, 26.4199,
57.5093

104.0781,
123.4347, 207.2837

12.8678, 17.1380,
41.0022

132.4377,
155.6496, 253.6161

7.4139, 10.3329,
28.0011

165.5309,
193.0320, 306.3843

3.7709, 5.6203,
18.0874

203.7232,
235.9664, 366.0068

1.5734, 2.6156,
10.8427

247.3799,

0.3750, 0.9345,

284.8371, 432.9022

5.8483

296.8662,
340.0285, 507.4890

■ 0.0000, 0.0000,
2.6858

■ 0.0000, 0.0000,
0.9363

■ 43.7478, 53.9515,
102.7157

■ 43.7478, 53.9515,
102.7157

■ 40.4333, 49.8451,
102.0977

■ 47.9453, 58.6198,
103.3955

■ 37.8967, 46.2420,
101.5360

■ 53.1057, 63.8894,
104.1407

■ 35.9858, 43.0636,
101.0232

■ 59.3046, 69.8014,
104.9551

■ 35.8815, 42.8829,
100.9938

■ 66.6085, 76.3916,
105.8422

■ 75.0783, 83.6923,
106.8049

■ 84.7702, 91.7338,
107.8463

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.



39.2047, 53.9515, 80.9585



43.7478, 53.9515, 102.7157



50.7099, 53.9515, 112.4827

Triad

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



43.7478, 53.9515, 102.7157



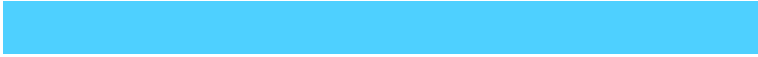
67.6417, 53.9515, 60.3961



44.6443, 53.9515, 28.5230

Complementary

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



43.7478, 53.9515, 102.7157



49.9503, 36.4796, 11.6185

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.



51.8529, 53.9515, 25.6076



43.7478, 53.9515, 102.7157



65.6088, 53.9515, 41.0174

Square

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



43.7478, 53.9515, 102.7157



64.9375, 53.9515, 84.5205



59.6291, 53.9515, 29.5462



39.6845, 53.9515, 38.8263

Rectangle

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



43.7478, 53.9515, 102.7157



55.9665, 53.9515, 109.4121



59.6291, 53.9515, 29.5462



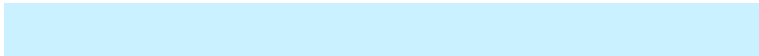
46.8613, 53.9515, 26.7805

Sweetspot

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



43.7494, 53.9533, 102.7159



73.6489, 82.4807, 106.6464



42.4317, 74.5517, 30.6500



15.2491, 17.2141, 22.7689



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.



43.7494, 53.9533, 102.7159



39.4382, 48.4956, 101.8897



28.1842, 22.8229, 97.5275



18.1228, 19.6173, 23.0813



18.8778, 22.6652, 52.8144



1.9277, 2.3862, 5.1722

Inverse Universe

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



55.3507, 31.2646, 62.7937



52.4021, 27.1275, 56.3848



65.8485, 68.2761, 16.9179



18.5747, 18.2132, 21.6432



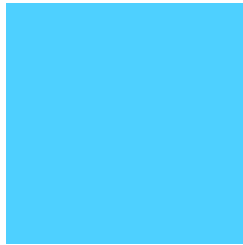
26.3169, 13.0160, 26.1167



2.6076, 1.2854, 2.7812

Previews

White Background



This preview shows how the XYZ color 43.7478, 53.9515, 102.7157 looks on a white background.

Color Contrast Check

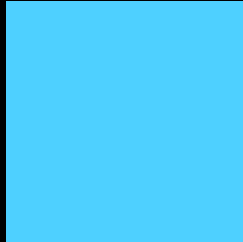
Large Text (above 18pt) WCAG AA × Fail

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 43.7478, 53.9515, 102.7157 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

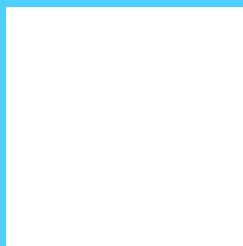
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.7478, 53.9515, 102.7157

Background



This preview shows how black text looks on a background with the XYZ color 43.7478, 53.9515, 102.7157.

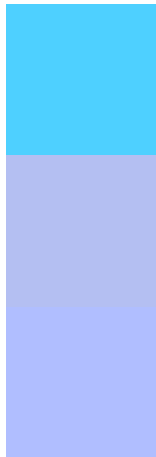


This preview shows how white text looks on a background with the XYZ color 43.7478, 53.9515,

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

43.7478, 53.9515, 102.7157

Protanopia

53.4802, 53.3757, 91.4882

Deuteranopia

54.3680, 53.2770, 102.0257



Tritanopia

39.8130, 53.8243, 83.1537

Trichromacy



Original Color

43.7478, 53.9515, 102.7157

Protanomaly

48.0824, 52.4875, 95.5926

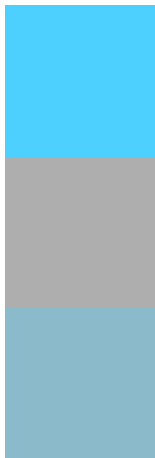
Deuteranomaly

48.8315, 52.7280, 102.2116

Tritanomaly

41.2581, 54.0495, 89.9194

Monochromacy



Original Color

43.7478, 53.9515, 102.7157

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

38.9859, 44.9186, 63.1153

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.7478, 53.9515, 102.7157 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(78, 208, 255)` looks like.

```
.text, #text, p{  
    color:rgb(78, 208, 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(78, 208, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 208, 255) }
```

Border

The CSS property to change the border of an element to XYZ 43.7478, 53.9515, 102.7157 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(78, 208, 255) }
```


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

```
.border{ border-color:rgb(78, 208, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 208, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 208, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 208, 255);  
box-shadow:4px 4px 4px 4px rgb(78, 208,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 43.7478, 53.9515, 102.7157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 208, 255) }
```

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

```
.background{ background-color: rgb(78, 208,  
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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