

Converting Colors

XYZ(52.5973, 59.6892,
149.2333)

Have a look what the booklet for
XYZ(52.5973, 59.6892, 149.2333)
contains.

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Color

**XYZ(43.8415, 56.2127,
103.1472)**

Conversions

Conversions Part 1

Format	Color
Hex	3AD6FF
RGB	58, 214, 255
RGB Percent	23%, 84%, 100%
CMY	0.7725, 0.1608, 0.0000
CMYK	0.77, 0.16, 0.00, 0.00
HSL	192°, 100%, 61%
HSV	192°, 77%, 100%
XYZ	43.8415, 56.2127, 103.1472
YIQ	172.0300, -106.1370, -20.3210

Conversions

Conversions Part 2

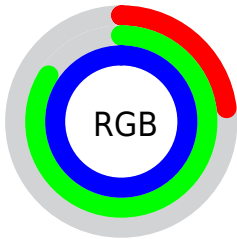
Format	Color
RYB	58, 145, 255
Decimal	3856127
CIELab	79.73, -26.33, -31.36
CIELCh	80, 40.948, 229.993
Yxy	56.2127, 0.2158, 0.2766
Android (android.graphics.Color)	4282046207 (0xFF3AD6FF)
YUV	172.0300, 40.9042, -100.0043
Hunter-Lab	74.9751, -26.8291, -29.0858

Details

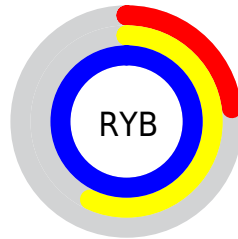
The XYZ color **43.8415, 56.2127, 103.1472** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **46.4672, 30.4918, 7.4416**, and the grayscale version is **39.0689, 41.1035, 44.7618**.

A 20% lighter version of the original color is **63.6415, 83.8083, 107.4301**, and **22.5912, 28.8735, 57.8085** is the 20% darker color. If you saturate the color by 10%, you get **41.3877, 52.9872, 102.6539**, and if you desaturate by 10%, it is **47.0755, 59.9075, 103.6899**.

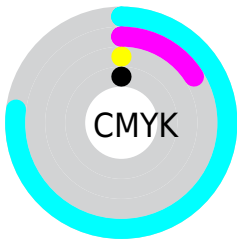
Distribution



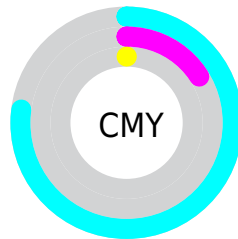
- Red (23%)
- Green (84%)
- Blue (100%)



- Red (23%)
- Yellow (57%)
- Blue (100%)



- Cyan (77%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (77%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.8415, 56.2127, 103.1472 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 43.8415, 56.2127, 103.1472 by changing the saturation by 10% instead.

43.8415, 56.2127,
103.1472

43.8415, 56.2127,
103.1472

352.9242,
410.4926, 591.5691

30.7433, 40.3735,
78.3000

80.2270, 99.3155,
167.5649

20.5543, 27.8299,
57.8025

104.2450,
127.3479, 207.9726

12.9092, 18.1974,
41.2363

132.6337,
160.2134, 254.4041

7.4426, 11.0918,
28.1827

165.7584,
198.2965, 307.2781

3.7892, 6.1286,
18.2232

203.9844,
241.9816, 367.0130

1.5836, 2.9235,
10.9392

247.6772,

0.3817, 1.0919,

291.6531, 434.0275

5.9123

297.2020,
347.6952, 508.7400

■ 0.0000, 0.0000,
2.7239

■ 0.0000, 0.0000,
0.9554

■ 43.8415, 56.2127,
103.1472

■ 43.8415, 56.2127,
103.1472

■ 41.3877, 52.9872,
102.6539

■ 47.0755, 59.9075,
103.6899

■ 39.5856, 50.1609,
102.2034

■ 51.1805, 64.1159,
104.2859

■ 39.1537, 49.4274,
102.0846

■ 56.2398, 68.8824,
104.9392

■ 62.3251, 74.2446,
105.6535

■ 69.5012, 80.2364,
106.4318

■ 77.8275, 86.8891,
107.2771

■ 87.3587, 94.2314,
108.1919

■ 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.



39.8320, 56.2127, 78.1386



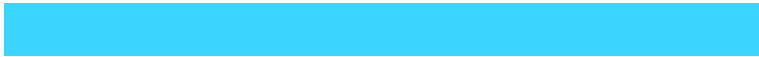
43.8415, 56.2127, 103.1472



50.7119, 56.2127, 117.9170

Triad

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



43.8415, 56.2127, 103.1472



70.6725, 56.2127, 69.4681



48.1728, 56.2127, 27.6031

Complementary

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



43.8415, 56.2127, 103.1472



46.4672, 30.4918, 7.4416

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.



56.2404, 56.2127, 26.4139



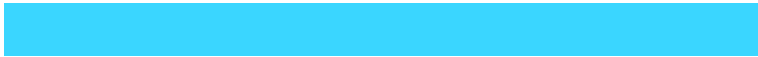
43.8415, 56.2127, 103.1472



69.8126, 56.2127, 46.9155

Square

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



43.8415, 56.2127, 103.1472



66.5609, 56.2127, 95.4099



64.3201, 56.2127, 32.5250



42.1480, 56.2127, 36.3435

Rectangle

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



43.8415, 56.2127, 103.1472



56.2362, 56.2127, 117.9202



64.3201, 56.2127, 32.5250



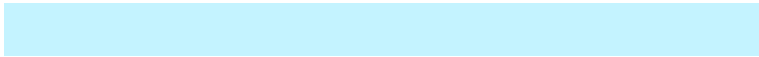
50.7158, 56.2127, 26.4127

Sweetspot

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



43.8432, 56.2146, 103.1475



72.8949, 82.9804, 106.7826



39.6828, 73.2908, 23.4655



14.9820, 17.2602, 22.7919



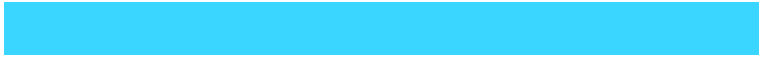
0.0000, 0.0000, 0.0000



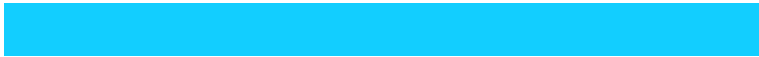
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



43.8432, 56.2146, 103.1475



40.2822, 51.3182, 102.3901



26.1701, 20.8685, 97.2565



18.2150, 19.8017, 23.1120



20.5701, 26.0497, 53.3785



2.0796, 2.6900, 5.2229

Inverse Universe

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



54.8918, 29.1429, 66.3523



52.5512, 26.1267, 60.4388



61.7226, 61.0026, 12.5267



18.6212, 18.2318, 21.8883



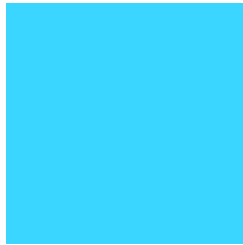
27.1710, 13.3577, 30.6148



2.6843, 1.3161, 3.1850

Previews

White Background



This preview shows how the XYZ color 43.8415, 56.2127, 103.1472 looks on a white background.

Color Contrast Check

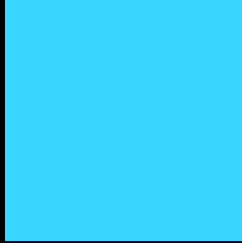
Large Text (above 18pt) WCAG AA × Fail

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 43.8415, 56.2127, 103.1472 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 43.8415, 56.2127, 103.1472

Background



This preview shows how black text looks on a background with the XYZ color 43.8415, 56.2127, 103.1472.



This preview shows how white text looks on a background with the XYZ color 43.8415, 56.2127,

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

43.8415, 56.2127, 103.1472

Protanopia

55.1766, 55.2487, 90.9750

Deuteranopia

56.4114, 55.3050, 102.3095



Tritanopia

40.5712, 56.0172, 87.2713

Trichromacy



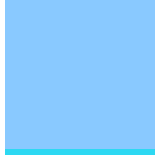
Original Color

43.8415, 56.2127, 103.1472



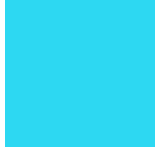
Protanomaly

48.1687, 53.9161, 95.0569



Deuteranomaly

49.2532, 54.3117, 102.4950



Tritanomaly

41.6651, 56.0804, 92.6330

Monochromacy



Original Color

43.8415, 56.2127, 103.1472



Achromatopsia

39.2122, 41.2543, 44.9259



Achromatomaly

37.7911, 44.6302, 62.4998

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8415, 56.2127, 103.1472 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(58, 214, 255)` looks like.

```
.text, #text, p{  
    color:rgb(58, 214, 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(58, 214, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 214, 255) }
```

Border

The CSS property to change the border of an element to XYZ 43.8415, 56.2127, 103.1472 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(58, 214, 255) }
```


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

```
.border{ border-color:rgb(58, 214, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 214, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 214, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 214, 255);  
box-shadow:4px 4px 4px 4px rgb(58, 214,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8415, 56.2127, 103.1472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 214, 255) }
```

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

```
.background{ background-color: rgb(58, 214,  
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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