

Converting Colors

XYZ(47.5989, 58.2730,
127.6159)

Have a look what the booklet for
XYZ(47.5989, 58.2730, 127.6159)
contains.

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Color

**XYZ(43.0319, 56.5513,
103.2552)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 1AD8FF |
| RGB | 26, 216, 255 |
| RGB Percent | 10%, 85%, 100% |
| CMY | 0.8979, 0.1529, 0.0000 |
| CMYK | 0.90, 0.15, 0.00, 0.00 |
| HSL | 190°, 100%, 55% |
| HSV | 190°, 90%, 100% |
| XYZ | 43.0319, 56.5513, 103.2552 |
| YIQ | 163.6360, -125.7590, -28.1510 |

Conversions

Conversions Part 2

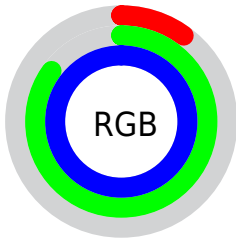
| Format | Color |
|-------------------------------------|---------------------------------|
| R _Y B | 26, 130, 255 |
| Decimal | 1759487 |
| CIE Lab | 79.93, -29.54, -31.10 |
| CIE LCh | 80, 42.898, 226.471 |
| Yxy | 56.5513, 0.2121, 0.2788 |
| Android (android.graphics.Color) | 4279949567 (0xFF1AD8FF) |
| YUV | 163.6360, 45.0425, -120.7068 |
| Hunter-Lab | 75.2006, -29.4583, -28.7685 |

Details

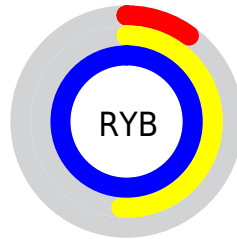
The XYZ color **43.0319, 56.5513, 103.2552** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **43.3194, 25.1197, 3.5450**, and the grayscale version is **34.9558, 36.7762, 40.0493**.

A 20% lighter version of the original color is **61.6952, 82.8049, 107.3390**, and **22.9379, 29.5670, 57.9241** is the 20% darker color. If you saturate the color by 10%, you get **41.5152, 54.1403, 102.8698**, and if you desaturate by 10%, it is **45.1267, 59.3061, 103.6765**.

Distribution



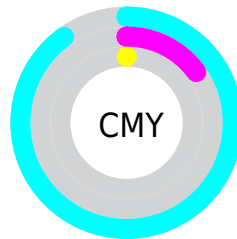
- Red (10%)
- Green (85%)
- Blue (100%)



- Red (10%)
- Yellow (51%)
- Blue (100%)



- Cyan (90%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (90%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.0319, 56.5513, 103.2552 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 43.0319, 56.5513, 103.2552 by changing the saturation by 10% instead.

43.0319, 56.5513,
103.2552

43.0319, 56.5513,
103.2552

349.6622,
411.7658, 591.9151

30.1048, 40.6451,
78.3899

79.0144, 99.8102,
167.7142

20.0666, 28.0419,
57.8760

102.8005,
127.9317, 208.1449

12.5520, 18.3572,
41.2949

130.9370,
160.8937, 254.6012

7.1957, 11.2068,
28.2281

163.7891,
199.0806, 307.5017

3.6322, 6.2061,
18.2572

201.7224,
242.8769, 367.2647

1.4962, 2.9708,
10.9634

245.1021,

0.3233, 1.1165,

292.6670, 434.3089

5.9284

294.2936,
348.8351, 509.0529

■ 0.0000, 0.0000,
2.7335

■ 0.0000, 0.0000,
0.9602

■ 43.0319, 56.5513,
103.2552

■ 43.0319, 56.5513,
103.2552

■ 41.5152, 54.1403,
102.8698

■ 45.1267, 59.3061,
103.6765

■ 41.4855, 54.0909,
102.8618

■ 47.9551, 62.4820,
104.1405

■ 51.6192, 66.1330,
104.6521

■ 56.2035, 70.3031,
105.2154

■ 61.7818, 75.0305,
105.8338

■ 68.4204, 80.3498,
106.5107

■ 76.1794, 86.2923,
107.2487

■ 85.1148, 92.8871,
108.0507

■ 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.



39.2503, 56.5513, 76.1833



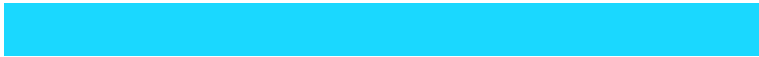
43.0319, 56.5513, 103.2552



49.9309, 56.5513, 120.8930

Triad

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



43.0319, 56.5513, 103.2552



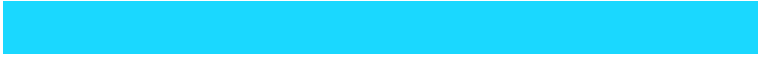
71.7118, 56.5513, 73.4770



49.1450, 56.5513, 26.1089

Complementary

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



43.0319, 56.5513, 103.2552



43.3194, 25.1197, 3.5450

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.



57.7597, 56.5513, 25.7512



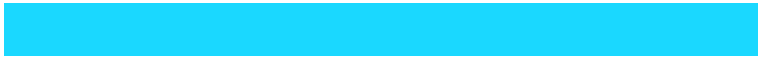
43.0319, 56.5513, 103.2552



71.4427, 56.5513, 48.9643

Square

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



43.0319, 56.5513, 103.2552



66.8152, 56.5513, 100.8189



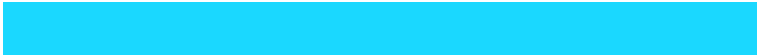
66.1153, 56.5513, 32.9597



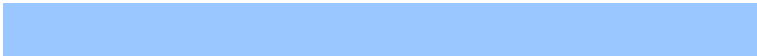
42.5103, 56.5513, 34.1200

Rectangle

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



43.0319, 56.5513, 103.2552



55.6580, 56.5513, 122.5060



66.1153, 56.5513, 32.9597



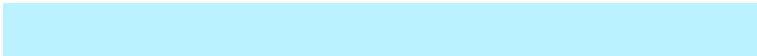
51.8867, 56.5513, 25.1826

Sweetspot

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



43.0336, 56.5532, 103.2555



70.4686, 81.9427, 106.7102



37.1182, 72.1126, 16.8432



14.5489, 17.1230, 22.7882



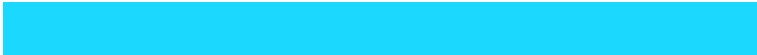
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



43.0336, 56.5532, 103.2555



41.4855, 54.0909, 102.8618



23.2639, 17.0138, 96.6656



18.2761, 19.9238, 23.1324



21.7739, 28.4574, 53.7798



2.1865, 2.9037, 5.2585

Inverse Universe

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



54.0053, 26.9586, 67.3247



53.0691, 25.9917, 64.2214



57.4830, 53.4469, 8.2662



18.6520, 18.2441, 22.0506



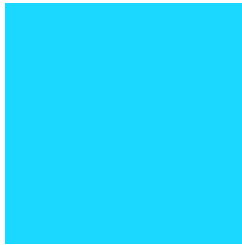
27.7787, 13.6008, 33.8146



2.7382, 1.3377, 3.4690

Previews

White Background



This preview shows how the XYZ color 43.0319, 56.5513, 103.2552 looks on a white background.

Color Contrast Check

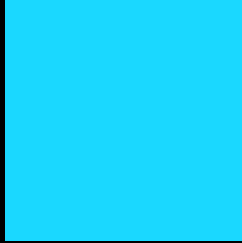
Large Text (above 18pt) WCAG AA × Fail

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 43.0319, 56.5513, 103.2552 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

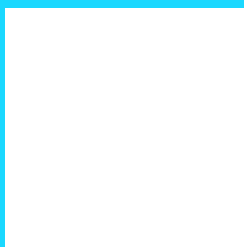
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.0319, 56.5513, 103.2552

Background



This preview shows how black text looks on a background with the XYZ color 43.0319, 56.5513, 103.2552.

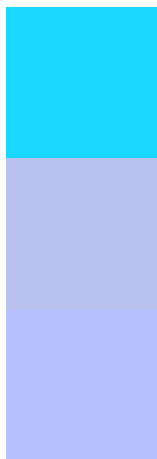


This preview shows how white text looks on a background with the XYZ color 43.0319, 56.5513,

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

43.0319, 56.5513, 103.2552

Protanopia

55.4930, 55.7606, 90.2762

Deuteranopia

56.6332, 55.7487, 102.3834



Tritanopia

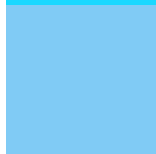
40.4718, 56.7192, 88.1717

Trichromacy



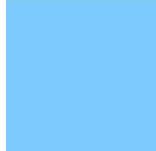
Original Color

43.0319, 56.5513, 103.2552



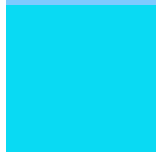
Protanomaly

46.7395, 53.8936, 94.3253



Deuteranomaly

47.6280, 53.8210, 102.4860



Tritanomaly

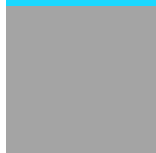
41.3617, 56.6719, 93.5528

Monochromacy



Original Color

43.0319, 56.5513, 103.2552



Achromatopsia

35.2861, 37.1238, 40.4278



Achromatomaly

33.9510, 41.4756, 59.0395

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0319, 56.5513, 103.2552 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(26, 216, 255)` looks like.

```
.text, #text, p{  
    color:rgb(26, 216, 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(26, 216, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 216, 255) }
```

Border

The CSS property to change the border of an element to XYZ 43.0319, 56.5513, 103.2552 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(26, 216, 255) }
```


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

```
.border{ border-color:rgb(26, 216, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 216, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 216, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 216, 255);  
box-shadow:4px 4px 4px 4px rgb(26, 216,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0319, 56.5513, 103.2552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 216, 255) }
```

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

```
.background{ background-color: rgb(26, 216,  
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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