

Converting Colors

XYZ(43.1025, 56.1726,
103.1784)

Have a look what the booklet for
XYZ(43.1025, 56.1726, 103.1784)
contains.

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Color

**XYZ(43.1134, 56.2142,
103.1859)**

Conversions

Conversions Part 1

Format	Color
Hex	25D7FF
RGB	37, 215, 255
RGB Percent	15%, 84%, 100%
CMY	0.8548, 0.1569, 0.0000
CMYK	0.85, 0.16, 0.00, 0.00
HSL	191°, 100%, 57%
HSV	191°, 85%, 100%
XYZ	43.1134, 56.2142, 103.1859
YIQ	166.3380, -118.9280, -25.2960

Conversions

Conversions Part 2

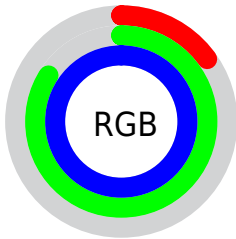
Format	Color
R _Y B	37, 135, 255
Decimal	2480127
CIE Lab	79.74, -28.48, -31.39
CIE LCh	80, 42.382, 227.781
Yxy	56.2142, 0.2129, 0.2776
Android (android.graphics.Color)	4280670207 (0xFF25D7FF)
YUV	166.3380, 43.7104, -113.4294
Hunter-Lab	74.9761, -28.5657, -29.1146

Details

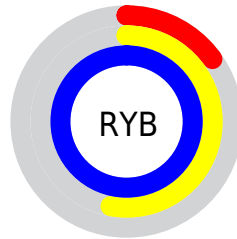
The XYZ color **43.1134, 56.2142, 103.1859** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **44.2299, 26.7048, 4.5758**, and the grayscale version is **36.2497, 38.1375, 41.5317**.

A 20% lighter version of the original color is **62.1222, 83.0251, 107.3590**, and **22.7638, 29.2188, 57.8661** is the 20% darker color. If you saturate the color by 10%, you get **41.3217, 53.5480, 102.7657**, and if you desaturate by 10%, it is **45.5796, 59.2808, 103.6478**.

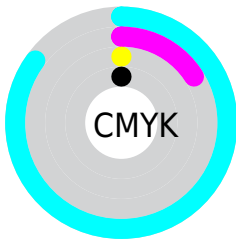
Distribution



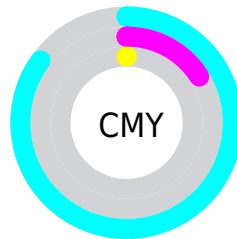
- Red (15%)
- Green (84%)
- Blue (100%)



- Red (15%)
- Yellow (53%)
- Blue (100%)



- Cyan (85%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (85%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.1134, 56.2142, 103.1859 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 43.1134, 56.2142, 103.1859 by changing the saturation by 10% instead.

43.1134, 56.2142,
103.1859

43.1134, 56.2142,
103.1859

349.9915,
410.4982, 591.6931

30.1690, 40.3747,
78.3322

79.1366, 99.3177,
167.6184

20.1156, 27.8308,
57.8289

102.9461,
127.3505, 208.0343

12.5879, 18.1982,
41.2573

131.1081,
160.2164, 254.4748

7.2204, 11.0923,
28.1990

163.9878,
198.3000, 307.3582

3.6479, 6.1290,
18.2353

201.9506,
241.9856, 367.1032

1.5049, 2.9237,
10.9479

245.3620,

0.3292, 1.0920,

291.6575, 434.1283

5.9181

294.5872,
347.7003, 508.8521

■ 0.0000, 0.0000,
2.7273

■ 0.0000, 0.0000,
0.9571

■ 43.1134, 56.2142,
103.1859

■ 43.1134, 56.2142,
103.1859

■ 41.3217, 53.5480,
102.7657

■ 45.5796, 59.2808,
103.6478

■ 40.6568, 52.4335,
102.5856

■ 48.8298, 62.8016,
104.1561

■ 52.9584, 66.8266,
104.7154

■ 58.0449, 71.3972,
105.3295

■ 64.1594, 76.5500,
106.0018

■ 71.3656, 82.3182,
106.7354

■ 79.7219, 88.7322,
107.5330

■ 89.2821, 95.8204,
108.3972

■ 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.



39.2367, 56.2142, 76.7647



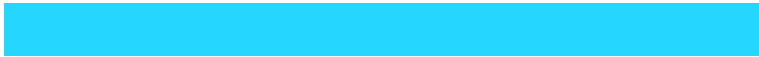
43.1134, 56.2142, 103.1859



50.0208, 56.2142, 119.8193

Triad

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



43.1134, 56.2142, 103.1859



71.1890, 56.2142, 71.7384



48.5584, 56.2142, 26.3941

Complementary

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



43.1134, 56.2142, 103.1859



44.2299, 26.7048, 4.5758

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.



56.9904, 56.2142, 25.7239



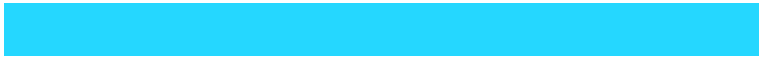
43.1134, 56.2142, 103.1859



70.6895, 56.2142, 47.9088

Square

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



43.1134, 56.2142, 103.1859



66.5730, 56.2142, 98.6704



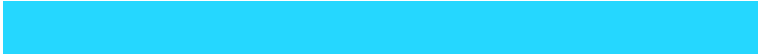
65.2734, 56.2142, 32.5092



42.1416, 56.2142, 34.6777

Rectangle

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



43.1134, 56.2142, 103.1859



55.6900, 56.2142, 120.8141



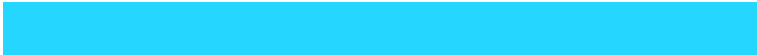
65.2734, 56.2142, 32.5092



51.2318, 56.2142, 25.3699

Sweetspot

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



43.1150, 56.2161, 103.1861



70.9629, 82.0025, 106.6957



37.8630, 72.4495, 19.0076



14.6318, 17.1114, 22.7816



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.



43.1150, 56.2161, 103.1861



40.6568, 52.4335, 102.5856



23.9732, 17.9325, 96.8055



18.2548, 19.8812, 23.1253



21.3463, 27.6021, 53.6373



2.1486, 2.8280, 5.2459

Inverse Universe

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



54.1685, 27.4912, 66.7432



52.6509, 25.8243, 62.0187



59.1280, 56.5010, 9.5419



18.6413, 18.2398, 21.9939



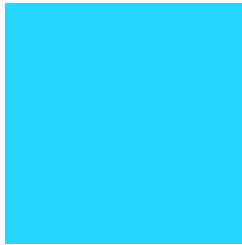
27.5628, 13.5144, 32.6778



2.7191, 1.3300, 3.3684

Previews

White Background



This preview shows how the XYZ color 43.1134, 56.2142, 103.1859 looks on a white background.

Color Contrast Check

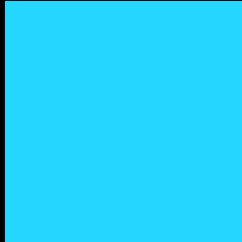
Large Text (above 18pt) WCAG AA × Fail

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 43.1134, 56.2142, 103.1859 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 43.1134, 56.2142, 103.1859

Background



This preview shows how black text looks on a background with the XYZ color 43.1134, 56.2142, 103.1859.

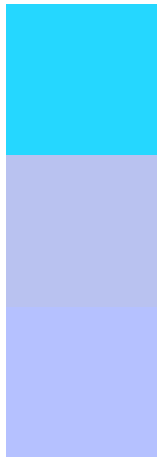


This preview shows how white text looks on a background with the XYZ color 43.1134, 56.2142,

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

43.1134, 56.2142, 103.1859

Protanopia

55.0275, 55.1891, 90.1904

Deuteranopia

56.1760, 55.1837, 102.2985



Tritanopia

40.0668, 56.1410, 87.3218

Trichromacy



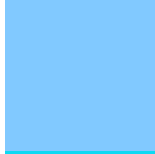
Original Color

43.1134, 56.2142, 103.1859



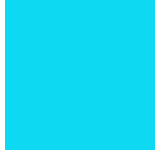
Protanomaly

46.9620, 53.6589, 94.2682



Deuteranomaly

47.9899, 53.6604, 102.4359



Tritanomaly

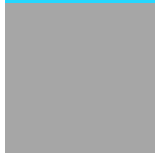
41.0058, 56.1221, 92.6758

Monochromacy



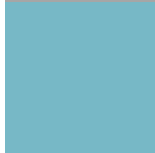
Original Color

43.1134, 56.2142, 103.1859



Achromatopsia

36.2450, 38.1326, 41.5264



Achromatomaly

34.9413, 42.2801, 59.7454

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1134, 56.2142, 103.1859 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(37, 215, 255)` looks like.

```
.text, #text, p{  
    color:rgb(37, 215, 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(37, 215, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 215, 255) }
```

Border

The CSS property to change the border of an element to XYZ 43.1134, 56.2142, 103.1859 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(37, 215, 255) }
```


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

```
.border{ border-color:rgb(37, 215, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 215, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 215, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 215, 255);  
box-shadow:4px 4px 4px 4px rgb(37, 215,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1134, 56.2142, 103.1859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 215, 255) }
```

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

```
.background{ background-color: rgb(37, 215,  
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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