

Converting Colors

XYZ(43.3686, 57.0362,
103.3311)

Have a look what the booklet for
XYZ(43.3686, 57.0362, 103.3311)
contains.

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Color

**XYZ(43.4279, 57.1370,
103.3474)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 1FD9FF |
| RGB | 31, 217, 255 |
| RGB Percent | 12%, 85%, 100% |
| CMY | 0.8783, 0.1490, 0.0000 |
| CMYK | 0.88, 0.15, 0.00, 0.00 |
| HSL | 190°, 100%, 56% |
| HSV | 190°, 88%, 100% |
| XYZ | 43.4279, 57.1370, 103.3474 |
| YIQ | 165.7180, -123.0540, -27.6140 |

Conversions

Conversions Part 2

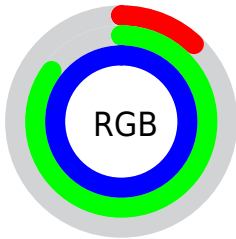
| Format | Color |
|-------------------------------------|---------------------------------|
| R _Y B | 31, 133, 255 |
| Decimal | 2087423 |
| CIE Lab | 80.26, -29.79, -30.59 |
| CIE LCh | 80, 42.702, 225.758 |
| Yxy | 57.1370, 0.2130, 0.2802 |
| Android (android.graphics.Color) | 4280277503 (0xFF1FD9FF) |
| YUV | 165.7180, 44.0160, -118.1477 |
| Hunter-Lab | 75.5890, -29.7278, -28.1506 |

Details

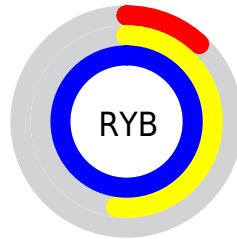
The XYZ color **43.4279, 57.1370, 103.3474** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **43.6176, 25.6188, 3.9445**, and the grayscale version is **35.9514, 37.8237, 41.1900**.

A 20% lighter version of the original color is **61.8360, 82.8776, 107.3456**, and **23.1134, 29.9179, 57.9826** is the 20% darker color. If you saturate the color by 10%, you get **41.8322, 54.6817, 102.9576**, and if you desaturate by 10%, it is **45.6541, 59.9629, 103.7755**.

Distribution



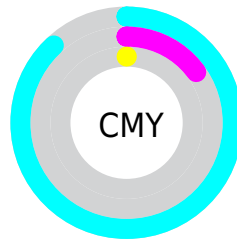
- Red (12%)
- Green (85%)
- Blue (100%)



- Red (12%)
- Yellow (52%)
- Blue (100%)



- Cyan (88%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (88%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.4279, 57.1370, 103.3474 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 43.4279, 57.1370, 103.3474 by changing the saturation by 10% instead.

43.4279, 57.1370,
103.3474

43.4279, 57.1370,
103.3474

351.2603,
413.9625, 592.2103

30.4170, 41.1152,
78.4666

79.6079, 100.6651,
167.8416

20.3049, 28.4091,
57.9386

103.5076,
128.9402, 208.2921

12.7264, 18.6343,
41.3449

131.7677,
162.0685, 254.7695

7.3161, 11.4063,
28.2670

164.7535,
200.4344, 307.6925

3.7087, 6.3408,
18.2862

202.8302,
244.4224, 367.4795

1.5387, 3.0534,
10.9841

246.3634,

0.3519, 1.1597,

294.4168, 434.5491

5.9421

295.7183,
350.8020, 509.3199

■ 0.0000, 0.0284,
2.7417

■ 0.0000, 0.0000,
0.9643

■ 43.4279, 57.1370,
103.3474

■ 43.4279, 57.1370,
103.3474

■ 41.8322, 54.6817,
102.9576

■ 45.6541, 59.9629,
103.7755

■ 41.5281, 54.1763,
102.8760

■ 48.6350, 63.2206,
104.2472

■ 52.4690, 66.9620,
104.7673

■ 57.2381, 71.2299,
105.3397

■ 63.0145, 76.0617,
105.9679

■ 69.8631, 81.4912,
106.6550

■ 77.8432, 87.5494,
107.4037

■ 87.0098, 94.2648,
108.2168

■ 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.



39.7147, 57.1370, 76.1867



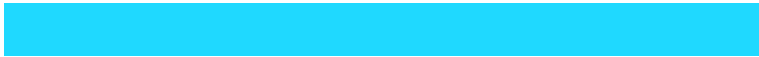
43.4279, 57.1370, 103.3474



50.2852, 57.1370, 121.3333

Triad

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



43.4279, 57.1370, 103.3474



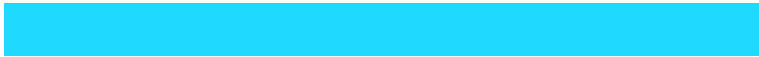
72.2352, 57.1370, 74.7909



49.8793, 57.1370, 26.4948

Complementary

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



43.4279, 57.1370, 103.3474



43.6176, 25.6188, 3.9445

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.



58.5377, 57.1370, 26.3091



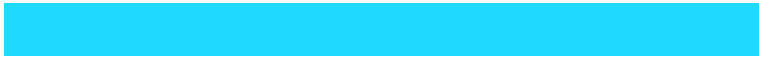
43.4279, 57.1370, 103.3474



72.0964, 57.1370, 50.0609

Square

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



43.4279, 57.1370, 103.3474



67.2272, 57.1370, 102.0926



66.8663, 57.1370, 33.7610



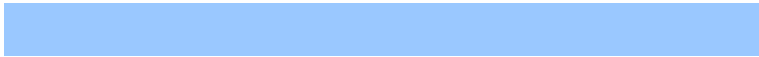
43.1583, 57.1370, 34.3621

Rectangle

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



43.4279, 57.1370, 103.3474



56.0067, 57.1370, 123.2693



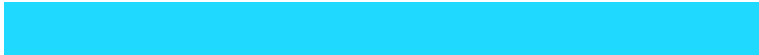
66.8663, 57.1370, 33.7610



52.6421, 57.1370, 25.6202

Sweetspot

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



43.4296, 57.1389, 103.3477



71.2380, 82.5527, 106.7874



37.3804, 72.2335, 17.4988



14.6980, 17.2437, 22.8036



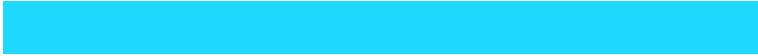
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



43.4296, 57.1389, 103.3477



41.5281, 54.1763, 102.8760



23.7378, 17.7555, 96.7838



18.2772, 19.9260, 23.1327



21.7959, 28.5014, 53.7871



2.1884, 2.9076, 5.2591

Inverse Universe

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



54.2555, 27.2515, 68.0480



53.0907, 26.0003, 64.3348



57.8784, 54.1405, 8.6981



18.6526, 18.2443, 22.0535



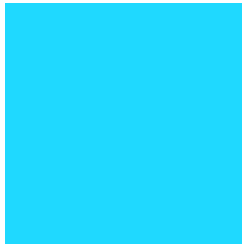
27.7898, 13.6052, 33.8731



2.7392, 1.3381, 3.4742

Previews

White Background



This preview shows how the XYZ color 43.4279, 57.1370, 103.3474 looks on a white background.

Color Contrast Check

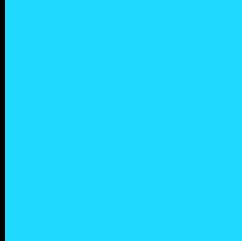
Large Text (above 18pt) WCAG AA × Fail

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 43.4279, 57.1370, 103.3474 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 43.4279, 57.1370, 103.3474

Background



This preview shows how black text looks on a background with the XYZ color 43.4279, 57.1370, 103.3474.



This preview shows how white text looks on a background with the XYZ color 43.4279, 57.1370,

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

43.4279, 57.1370, 103.3474

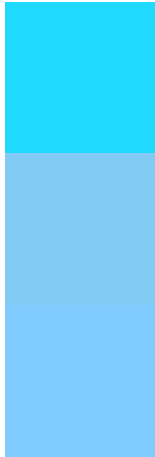
Protanopia

55.7368, 55.8863, 90.2876

Deuteranopia

57.3323, 56.4406, 102.4801

Trichromacy



Original Color

43.4279, 57.1370, 103.3474

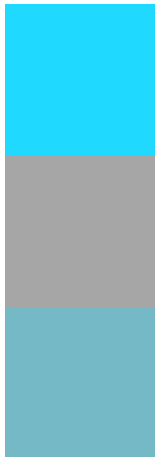
Protanomaly

47.0433, 54.0503, 94.3395

Deuteranomaly

48.3080, 54.5211, 102.5853

Monochromacy



Original Color

43.4279, 57.1370, 103.3474

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

34.8781, 42.5570, 59.8021

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4279, 57.1370, 103.3474 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(31, 217, 255)` looks like.

```
.text, #text, p{  
    color:rgb(31, 217, 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(31, 217, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 217, 255) }
```

Border

The CSS property to change the border of an element to XYZ 43.4279, 57.1370, 103.3474 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(31, 217, 255) }
```

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

```
.border{ border-color:rgb(31, 217, 255) }
```

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

Here you see how a box with a 4 pixel rgb(31, 217, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 217, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 217, 255);  
box-shadow:4px 4px 4px 4px rgb(31, 217,  
255) }
```


Background

The CSS property to change the background color of an element to XYZ 43.4279, 57.1370, 103.3474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 217, 255) }
```

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

```
.background{ background-color: rgb(31, 217,  
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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