

Converting Colors

XYZ(43.8118, 74.7900, 52.0966)

Have a look what the booklet for
XYZ(43.8118, 74.7900, 52.0966)
contains.

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Color

**XYZ(43.8260, 74.7956,
52.1715)**

Conversions

Conversions Part 1

Format	Color
Hex	1AFFAE
RGB	26, 255, 174
RGB Percent	10%, 100%, 68%
CMY	0.8980, 0.0000, 0.3176
CMYK	0.90, 0.00, 0.32, 0.00
HSL	159°, 100%, 55%
HSV	159°, 90%, 100%
XYZ	43.8260, 74.7956, 52.1715
YIQ	177.2950, -110.4830, -73.7390

Conversions

Conversions Part 2

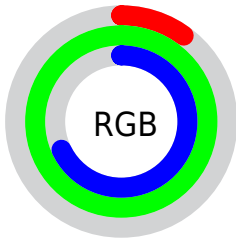
Format	Color
R _Y B	26, 165, 255
Decimal	1769390
CIE Lab	89.30, -67.59, 25.04
CIE LCh	89, 72.079, 159.668
Yxy	74.7956, 0.2566, 0.4379
Android (android.graphics.Color)	4279959470 (0xFF1AFFAE)
YUV	177.2950, -1.6244, -132.6857
Hunter-Lab	86.4844, -60.8929, 24.7726

Details

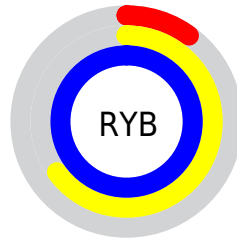
The XYZ color **43.8260, 74.7956, 52.1715** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **44.2644, 23.0614, 16.0322**, and the grayscale version is **41.9973, 44.1844, 48.1168**.

A 20% lighter version of the original color is **57.7887, 81.2262, 87.4954**, and **23.4174, 41.3130, 24.8291** is the 20% darker color. If you saturate the color by 10%, you get **42.5564, 74.2393, 47.6756**, and if you desaturate by 10%, it is **45.7010, 75.6571, 57.0066**.

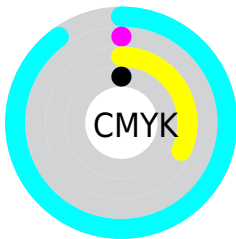
Distribution



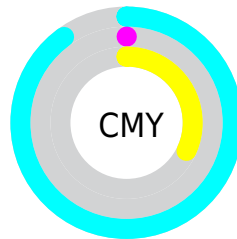
- Red (10%)
- Green (100%)
- Blue (68%)



- Red (10%)
- Yellow (65%)
- Blue (100%)



- Cyan (90%)
- Magenta (0%)
- Yellow (32%)
- Black (0%)





- Cyan (90%)
- Magenta (0%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.8260, 74.7956, 52.1715 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 43.8260, 74.7956, 52.1715 by changing the saturation by 10% instead.


 43.8260, 74.7956,
52.1715


 43.8260, 74.7956,
52.1715


352.8620,
477.2147, 412.0741


 30.7311, 55.4455,
36.7586


 80.2038, 126.0230,
94.8133


 20.5450, 39.7585,
24.7263


 104.2174,
158.6690, 122.8792


 12.9024, 27.3503,
15.6561


 132.6013,
196.5158, 156.0000

 7.4379, 17.8365,
9.1294

 165.7208,
239.9477, 194.5940

 3.7862, 10.8326,
4.7277

 203.9412,
289.3492, 239.0799

 1.5819, 5.9544,
2.0325

247.6280,

 0.3806, 2.8174,

345.1046, 289.8762

0.5751

297.1465,
407.5983, 347.4014

■ 0.0000, 1.0371,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 43.8260, 74.7956,
52.1715

■ 43.8260, 74.7956,
52.1715

■ 42.5564, 74.2393,
47.6756

■ 45.7010, 75.6571,
57.0066

■ 42.5333, 74.2293,
47.5877

■ 48.3411, 76.9061,
62.1904

■ 51.8482, 78.5951,
67.7346

■ 56.3078, 80.7678,
73.6488

■ 61.7944, 83.4626,
79.9417

■ 68.3749, 86.7140,
86.6219

■ 76.1107, 90.5533,
93.6972

■ 85.0581, 95.0096,
101.1755

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.



51.5882, 74.7956, 27.2672



43.8260, 74.7956, 52.1715



42.6565, 74.7956, 98.8404

Triad

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



43.8260, 74.7956, 52.1715



76.9322, 74.7956, 219.3716



100.4796, 74.7956, 33.8871

Complementary

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



43.8260, 74.7956, 52.1715



44.2644, 23.0614, 16.0322

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.



109.9799, 74.7956, 66.2114



43.8260, 74.7956, 52.1715



94.9774, 74.7956, 181.2507

Square

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



43.8260, 74.7956, 52.1715



59.9600, 74.7956, 210.4620



107.8150, 74.7956, 120.0068



83.5207, 74.7956, 20.1425

Rectangle

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



43.8260, 74.7956, 52.1715



45.5354, 74.7956, 139.5063



107.8150, 74.7956, 120.0068



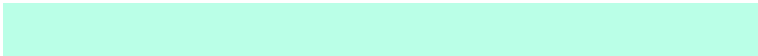
104.7687, 74.7956, 42.2440

Sweetspot

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



43.8267, 74.7959, 52.1728



70.4200, 87.7274, 88.5609



42.3742, 74.9082, 13.2037



14.5411, 18.5138, 18.4500



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.



43.8267, 74.7959, 52.1728



42.5333, 74.2293, 47.5877



45.2583, 61.0036, 103.9972



18.2660, 20.3659, 21.7039



22.2982, 38.8159, 25.2533



2.2231, 3.8002, 2.7325

Inverse Universe

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



44.2644, 23.0614, 16.0322



43.0940, 22.0016, 11.6931



42.8675, 24.2164, 3.3931



18.2747, 18.0932, 20.0639



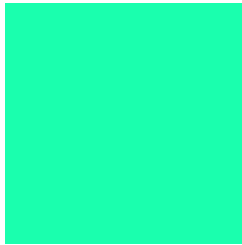
22.5815, 11.5219, 6.4468



2.2483, 1.1417, 0.8890

Previews

White Background



This preview shows how the XYZ color 43.8260, 74.7956, 52.1715 looks on a white background.

Color Contrast Check

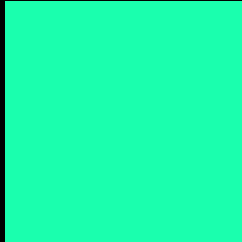
Large Text (above 18pt) WCAG AA × Fail

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 43.8260, 74.7956, 52.1715 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

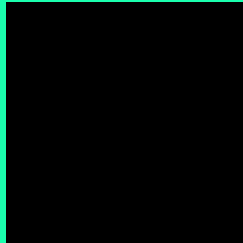
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

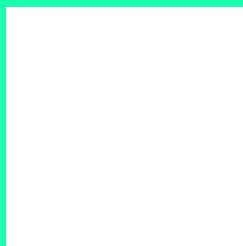
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.8260, 74.7956, 52.1715

Background



This preview shows how black text looks on a background with the XYZ color 43.8260, 74.7956, 52.1715.



This preview shows how white text looks on a background with the XYZ color 43.8260, 74.7956,

Color Blindness Simulation

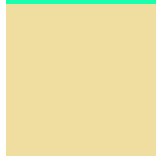
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

43.8260, 74.7956, 52.1715



Protanopia

67.9759, 73.0965, 43.3272



Deuteranopia

74.1495, 72.8983, 56.6171



Tritanopia

58.7480, 74.0213, 105.7989

Trichromacy



Original Color

43.8260, 74.7956, 52.1715



Protanomaly

51.0240, 69.2074, 45.7911



Deuteranomaly

53.4761, 68.1867, 54.5988



Tritanomaly

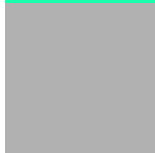
51.0992, 73.2287, 83.3929

Monochromacy



Original Color

43.8260, 74.7956, 52.1715



Achromatopsia

41.7894, 43.9657, 47.8787



Achromatomaly

37.6938, 50.9348, 48.9190

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8260, 74.7956, 52.1715 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, 255, 174)` looks like.

```
.text, #text, p{  
    color:rgb(26, 255, 174)  
}
```

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, 255, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 255, 174) }
```

Border

The CSS property to change the border of an element to XYZ 43.8260, 74.7956, 52.1715 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, 255, 174) }
```


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

```
.border{ border-color:rgb(26, 255, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 255, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 255, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 255, 174);  
box-shadow:4px 4px 4px 4px rgb(26, 255,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8260, 74.7956, 52.1715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 255, 174) }
```

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

```
.background{ background-color: rgb(26, 255,  
174) }
```

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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