

Converting Colors

XYZ(43.6869, 74.2174, 53.6178)

Have a look what the booklet for
XYZ(43.6869, 74.2174, 53.6178)
contains.

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Color

**XYZ(43.6869, 74.2174,
53.6178)**

Conversions

Conversions Part 1

Format	Color
Hex	15FEB1
RGB	21, 254, 177
RGB Percent	8%, 100%, 69%
CMY	0.9176, 0.0039, 0.3059
CMYK	0.92, 0.00, 0.30, 0.00
HSL	160°, 99%, 54%
HSV	160°, 92%, 100%
XYZ	43.6869, 74.2174, 53.6178
YIQ	175.5550, -114.1510, -73.3430

Conversions

Conversions Part 2

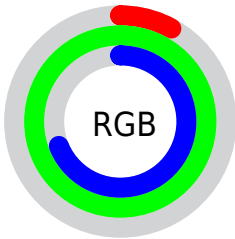
Format	Color
RYB	21, 161, 254
Decimal	1441457
CIELab	89.03, -66.82, 23.14
CIELCh	89, 70.718, 160.898
Yxy	74.2174, 0.2547, 0.4327
Android (android.graphics.Color)	4279631537 (0xFF15FEB1)
YUV	175.5550, 0.7124, -135.5447
Hunter-Lab	86.1495, -60.2433, 23.4037

Details

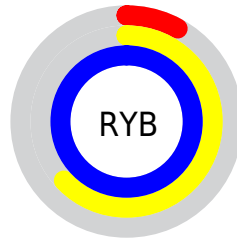
The XYZ color **43.6869, 74.2174, 53.6178** is a light color, and the websafe version is hex **33FF99**. The color can be described as light washed spring green. A complement of this color would be **43.3488, 22.4910, 13.6172**, and the grayscale version is **41.0783, 43.2176, 47.0639**.

A 20% lighter version of the original color is **58.0757, 81.3251, 89.7272**, and **23.3780, 40.9351, 25.7379** is the 20% darker color. If you saturate the color by 10%, you get **42.7040, 73.7906, 50.0498**, and if you desaturate by 10%, it is **45.3879, 74.9965, 58.2027**.

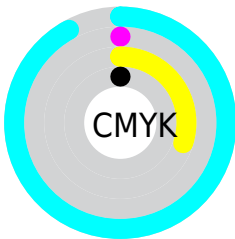
Distribution



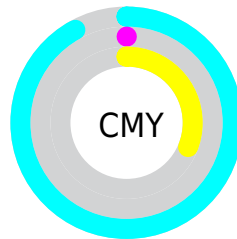
- Red (8%)
- Green (100%)
- Blue (69%)



- Red (8%)
- Yellow (63%)
- Blue (100%)



- Cyan (92%)
- Magenta (0%)
- Yellow (30%)
- Black (0%)





- Cyan (92%)
- Magenta (0%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.6869, 74.2174, 53.6178 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 43.6869, 74.2174, 53.6178 by changing the saturation by 10% instead.


 43.6869, 74.2174,
53.6178


 43.6869, 74.2174,
53.6178


352.3029,
475.2233, 417.7842


 30.6213, 54.9720,
37.9051


 79.9957, 125.2039,
96.9636


 20.4611, 39.3793,
25.6078


 103.9695,
157.7139, 125.4337


 12.8408, 27.0549,
16.3073


 132.3102,
195.4141, 158.9934

 7.3953, 17.6145,
9.5852

 165.3830,
238.6890, 198.0612

 3.7590, 10.6736,
5.0228

 203.5533,
287.9230, 243.0557

 1.5667, 5.8478,
2.2017

247.1865,

 0.3706, 2.7527,

343.5004, 294.3953

0.6753

296.6479,
405.8058, 352.4986

■ 0.0000, 1.0040,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 43.6869, 74.2174,
53.6178

■ 43.6869, 74.2174,
53.6178

■ 42.7040, 73.7906,
50.0498

■ 45.3879, 74.9965,
58.2027

■ 47.8166, 76.1428,
63.0935

■ 51.0794, 77.7130,
68.3013

■ 55.2630, 79.7516,
73.8345

60.4431, 82.2975,
79.7012

66.6869, 85.3854,
85.9086

74.0559, 89.0468,
92.4639

82.6066, 93.3108,
99.3736

92.3919, 98.2045,
106.6443

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



51.0352, 74.2174, 28.2920



43.6869, 74.2174, 53.6178



42.8036, 74.2174, 100.0650

Triad

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



43.6869, 74.2174, 53.6178



76.9782, 74.2174, 213.9939



98.5968, 74.2174, 33.3211

Complementary

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



43.6869, 74.2174, 53.6178



43.3488, 22.4910, 13.6172

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.



108.2388, 74.2174, 64.1988



43.6869, 74.2174, 53.6178



94.4751, 74.2174, 175.5805

Square

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



43.6869, 74.2174, 53.6178



60.2665, 74.2174, 207.3540



106.6186, 74.2174, 115.9220



81.9224, 74.2174, 20.2990

Rectangle

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



43.6869, 74.2174, 53.6178



45.8066, 74.2174, 139.8317



106.6186, 74.2174, 115.9220



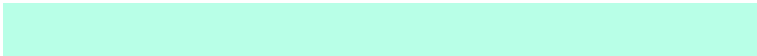
102.8814, 74.2174, 41.2897

Sweetspot

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



43.6889, 74.2203, 53.6195



69.9122, 87.4533, 89.0948



40.6895, 73.5752, 12.7673



14.3141, 18.3961, 18.4702



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.



43.6889, 74.2203, 53.6195



43.0842, 74.4497, 50.4887



42.5444, 56.0050, 102.3371



18.2846, 20.3734, 21.8017



22.5844, 38.9303, 26.7603



2.2495, 3.8107, 2.8719

Inverse Universe

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



43.3488, 22.4910, 13.6172



42.8512, 21.9045, 10.4142



42.6182, 24.3420, 3.1627



18.2569, 18.0861, 19.9701



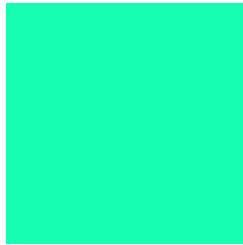
22.4518, 11.4700, 5.7638



2.2341, 1.1360, 0.8144

Previews

White Background



This preview shows how the XYZ color 43.6869, 74.2174, 53.6178 looks on a white background.

Color Contrast Check

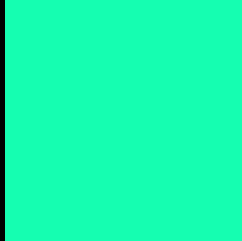
Large Text (above 18pt) WCAG AA × Fail

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 43.6869, 74.2174, 53.6178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

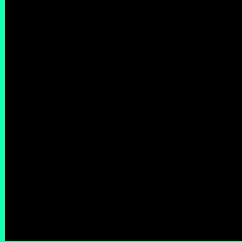
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.6869, 74.2174, 53.6178

Background



This preview shows how black text looks on a background with the XYZ color 43.6869, 74.2174, 53.6178.



This preview shows how white text looks on a background with the XYZ color 43.6869, 74.2174,

Color Blindness Simulation

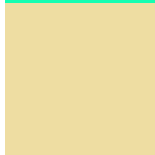
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

43.6869, 74.2174, 53.6178



Protanopia

67.6379, 72.4987, 44.6112



Deuteranopia

73.8972, 72.3937, 56.5329



Tritanopia

58.1224, 73.6988, 105.7697

Trichromacy



Original Color

43.6869, 74.2174, 53.6178



Protanomaly

50.4120, 68.4388, 47.1122



Deuteranomaly

52.8682, 67.4518, 55.0328



Tritanomaly

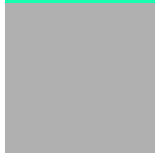
50.4323, 72.4211, 83.9937

Monochromacy



Original Color

43.6869, 74.2174, 53.6178



Achromatopsia

41.2663, 43.4154, 47.2793



Achromatomaly

37.1751, 50.3134, 48.8264

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6869, 74.2174, 53.6178 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(21, 254, 177)` looks like.

```
.text, #text, p{  
    color:rgb(21, 254, 177)  
}
```

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(21, 254, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 254, 177) }
```

Border

The CSS property to change the border of an element to XYZ 43.6869, 74.2174, 53.6178 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(21, 254, 177) }
```


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

```
.border{ border-color:rgb(21, 254, 177) }
```

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

Here you see how a box with a 4 pixel rgb(21, 254, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 254, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 254, 177);  
box-shadow:4px 4px 4px 4px rgb(21, 254,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6869, 74.2174, 53.6178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 254, 177) }
```

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

```
.background{ background-color: rgb(21, 254,  
177) }
```

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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