

Converting Colors

XYZ(43.2411, 74.0486, 50.9360)

Have a look what the booklet for
XYZ(43.2411, 74.0486, 50.9360)
contains.

XYZ(43.2649, 74.0564, 51.0437)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(43.2649, 74.0564,
51.0437)**

Conversions

Conversions Part 1

Format	Color
Hex	18FEAC
RGB	24, 254, 172
RGB Percent	9%, 100%, 67%
CMY	0.9058, 0.0039, 0.3255
CMYK	0.91, 0.00, 0.32, 0.00
HSL	159°, 99%, 55%
HSV	159°, 91%, 100%
XYZ	43.2649, 74.0564, 51.0437
YIQ	175.8820, -110.7580, -74.2620

Conversions

Conversions Part 2

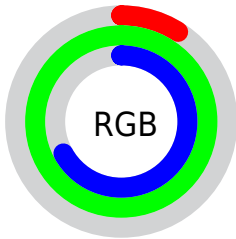
Format	Color
R _Y B	24, 164, 254
Decimal	1638060
CIE Lab	88.95, -67.74, 25.58
CIE LCh	89, 72.412, 159.313
Yxy	74.0564, 0.2570, 0.4399
Android (android.graphics.Color)	4279828140 (0xFF18FEAC)
YUV	175.8820, -1.9138, -133.2005
Hunter-Lab	86.0560, -60.8567, 25.0717

Details

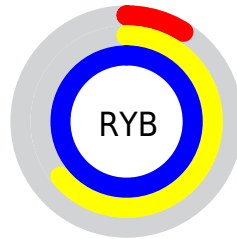
The XYZ color **43.2649, 74.0564, 51.0437** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **43.8040, 22.7666, 15.7263**, and the grayscale version is **41.2599, 43.4086, 47.2720**.

A 20% lighter version of the original color is **57.5093, 81.1145, 86.0244**, and **23.0697, 40.8118, 24.1143** is the 20% darker color. If you saturate the color by 10%, you get **42.0935, 73.5464, 46.8344**, and if you desaturate by 10%, it is **45.0765, 74.8883, 55.8269**.

Distribution



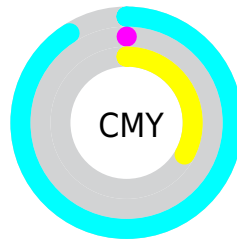
- Red (9%)
- Green (100%)
- Blue (67%)



- Red (9%)
- Yellow (64%)
- Blue (100%)



- Cyan (91%)
- Magenta (0%)
- Yellow (32%)
- Black (0%)





- Cyan (91%)
- Magenta (0%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.2649, 74.0564, 51.0437 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 43.2649, 74.0564, 51.0437 by changing the saturation by 10% instead.


 43.2649, 74.0564,
51.0437


 43.2649, 74.0564,
51.0437


350.6031,
474.6680, 407.5849


 30.2884, 54.8402,
35.8664


 79.3637, 124.9758,
93.1315


 20.2068, 39.2738,
24.0422


 103.2167,
157.4477, 120.8792


 12.6546, 26.9728,
15.1524


 131.4259,
195.1070, 153.6540

 7.2665, 17.5528,
8.7786

 164.3568,
238.3381, 191.8745

 3.6771, 10.6294,
4.5022

 202.3746,
287.5254, 235.9594

 1.5211, 5.8182,
1.9047


245.8446,

 0.3401, 2.7349,


343.0532, 286.3270


0.4957


295.1324,
405.3059, 343.3960


 0.0000, 0.9949,
0.0000


 0.0000, 0.0000,
0.0000


 43.2649, 74.0564,
51.0437


 43.2649, 74.0564,
51.0437


 42.0935, 73.5464,
46.8344


 45.0765, 74.8883,
55.8269


 47.6374, 76.0975,
60.9589


 51.0516, 77.7396,
66.4520


 55.4044, 79.8582,
72.3160

 60.7705, 82.4920,
78.5596

 67.2169, 85.6750,
85.1915

 74.8043, 89.4388,
92.2197

 83.5893, 93.8122,
99.6520

 93.6241, 98.8222,
107.4957

Harmonies

Analogous

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



51.0712, 74.0564, 26.5329



43.2649, 74.0564, 51.0437



42.0236, 74.0564, 97.3377

Triad

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



43.2649, 74.0564, 51.0437



76.0015, 74.0564, 218.8575



99.9135, 74.0564, 33.5383

Complementary

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



43.2649, 74.0564, 51.0437



43.8040, 22.7666, 15.7263

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.



109.2915, 74.0564, 65.9612



43.2649, 74.0564, 51.0437



94.0493, 74.0564, 181.1172

Square

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



43.2649, 74.0564, 51.0437



59.1100, 74.0564, 209.3372



106.9831, 74.0564, 119.8950



83.0172, 74.0564, 19.7445

Rectangle

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



43.2649, 74.0564, 51.0437



44.8369, 74.0564, 137.9220



106.9831, 74.0564, 119.8950



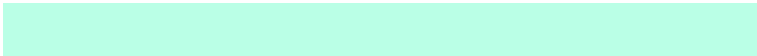
104.1676, 74.0564, 41.9193

Sweetspot

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



43.2668, 74.0593, 51.0454



70.3926, 87.7165, 88.4168



41.8346, 74.1621, 12.9749



14.5346, 18.5112, 18.4158



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.



43.2668, 74.0593, 51.0454



42.4681, 74.2032, 47.2443



44.7455, 60.3072, 103.0516



18.2638, 20.3650, 21.6920



22.2643, 38.8023, 25.0748



2.2199, 3.7989, 2.7159

Inverse Universe

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



43.8040, 22.7666, 15.7263



43.1249, 22.0139, 11.8556



42.3907, 23.8398, 3.2324



18.2769, 18.0941, 20.0753



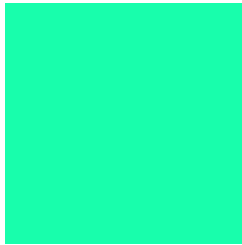
22.5980, 11.5285, 6.5334



2.2501, 1.1424, 0.8984

Previews

White Background



This preview shows how the XYZ color 43.2649, 74.0564, 51.0437 looks on a white background.

Color Contrast Check

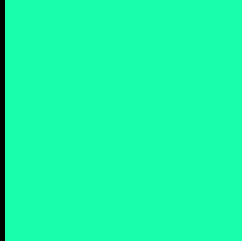
Large Text (above 18pt) WCAG AA × Fail

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 43.2649, 74.0564, 51.0437 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 43.2649, 74.0564, 51.0437

Background



This preview shows how black text looks on a background with the XYZ color 43.2649, 74.0564, 51.0437.

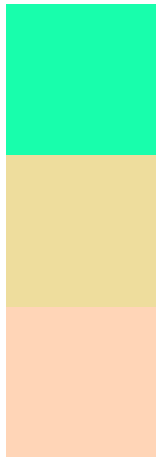


This preview shows how white text looks on a background with the XYZ color 43.2649, 74.0564,

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

43.2649, 74.0564, 51.0437

Protanopia

67.2021, 72.3244, 42.3164

Deuteranopia

73.5815, 72.2674, 54.8706



Tritanopia

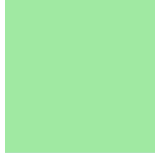
57.9698, 73.6201, 105.7625

Trichromacy



Original Color

43.2649, 74.0564, 51.0437



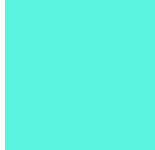
Protanomaly

50.1577, 68.3600, 44.7336



Deuteranomaly

52.6747, 67.3994, 52.8810



Tritanomaly

50.2557, 72.3618, 82.5526

Monochromacy



Original Color

43.2649, 74.0564, 51.0437



Achromatopsia

41.2663, 43.4154, 47.2793



Achromatomaly

37.2159, 50.3458, 48.3137

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2649, 74.0564, 51.0437 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(24, 254, 172)` looks like.

```
.text, #text, p{  
    color:rgb(24, 254, 172)  
}
```

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(24, 254, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 254, 172) }
```

Border

The CSS property to change the border of an element to XYZ 43.2649, 74.0564, 51.0437 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(24, 254, 172) }
```


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

```
.border{ border-color:rgb(24, 254, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 254, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 254, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 254, 172);  
box-shadow:4px 4px 4px 4px rgb(24, 254,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2649, 74.0564, 51.0437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 254, 172) }
```

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

```
.background{ background-color: rgb(24, 254,  
172) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor