

Converting Colors

XYZ(44.1684, 74.9311, 54.0406)

Have a look what the booklet for
XYZ(44.1684, 74.9311, 54.0406)
contains.

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Color

**XYZ(44.2219, 74.9540,
54.2563)**

Conversions

Conversions Part 1

Format	Color
Hex	1AFFB2
RGB	26, 255, 178
RGB Percent	10%, 100%, 70%
CMY	0.8980, 0.0000, 0.3020
CMYK	0.90, 0.00, 0.30, 0.00
HSL	160°, 100%, 55%
HSV	160°, 90%, 100%
XYZ	44.2219, 74.9540, 54.2563
YIQ	177.7510, -111.7670, -72.4950

Conversions

Conversions Part 2

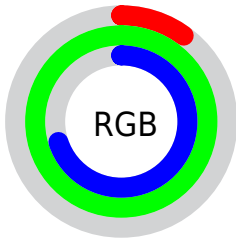
Format	Color
R_{YB}	26, 164, 255
Decimal	1769394
CIE _{Lab}	89.37, -66.75, 23.12
CIE _{LCh}	89, 70.638, 160.899
Yxy	74.9540, 0.2550, 0.4322
Android (android.graphics.Color)	4279959474 (0xFF1AFFB2)
YUV	177.7510, 0.1228, -133.0856
Hunter-Lab	86.5760, -60.3324, 23.4467

Details

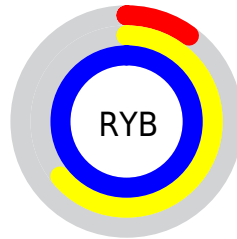
The XYZ color **44.2219, 74.9540, 54.2563** is a light color, and the websafe version is hex **33FF99**. The color can be described as light washed spring green. A complement of this color would be **44.0587, 22.9791, 14.9490**, and the grayscale version is **42.2293, 44.4285, 48.3826**.

A 20% lighter version of the original color is **58.3570, 81.4536, 90.4883**, and **23.6679, 41.4132, 26.1482** is the 20% darker color. If you saturate the color by 10%, you get **42.9681, 74.4040, 49.8438**, and if you desaturate by 10%, it is **46.0758, 75.8071, 58.9804**.

Distribution



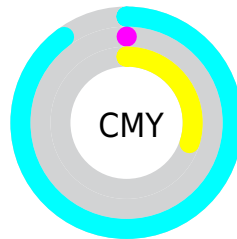
- Red (10%)
- Green (100%)
- Blue (70%)



- Red (10%)
- Yellow (64%)
- Blue (100%)



- Cyan (90%)
- Magenta (0%)
- Yellow (30%)
- Black (0%)





- Cyan (90%)
- Magenta (0%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.2219, 74.9540, 54.2563 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 44.2219, 74.9540, 54.2563 by changing the saturation by 10% instead.


 44.2219, 74.9540,
54.2563


 44.2219, 74.9540,
54.2563

354.4500,
477.7594, 420.2888


 31.0437, 55.5752,
38.4120


 80.7958, 126.2472,
97.9107


 20.7841, 39.8624,
25.9983


 104.9222,
158.9305, 126.5578

 13.0778, 27.4313,
16.5966


 133.4287,
196.8173, 160.3097

 7.5595, 17.8974,
9.7884

 166.6806,
240.2922, 199.5849

 3.8638, 10.8764,
5.1551

 205.0434,
289.7394, 244.8018

 1.6254, 5.9838,
2.2782

248.8823,

 0.4089, 2.8352,

345.5434, 296.3791

0.7190

298.5627,
408.0887, 354.7352

■ 0.0000, 1.0463,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 44.2219, 74.9540,
54.2563

■ 44.2219, 74.9540,
54.2563

■ 42.9681, 74.4040,
49.8438

■ 46.0758, 75.8071,
58.9804

■ 42.9453, 74.3941,
49.7574

■ 48.6894, 77.0455,
64.0247

■ 52.1645, 78.7216,
69.4001

■ 56.5862, 80.8791,
75.1153

■ 62.0291, 83.5565,
81.1783

■ 68.5600, 86.7880,
87.5968

■ 76.2399, 90.6050,
94.3781

■ 85.1251, 95.0364,
101.5290

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.



51.6195, 74.9540, 28.7324



44.2219, 74.9540, 54.2563



43.3325, 74.9540, 100.9674

Triad

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



44.2219, 74.9540, 54.2563



77.7131, 74.9540, 215.3229



99.4354, 74.9540, 33.8050

Complementary

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



44.2219, 74.9540, 54.2563



44.0587, 22.9791, 14.9490

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.



109.1201, 74.9540, 64.9035



44.2219, 74.9540, 54.2563



95.2957, 74.9540, 176.7857

Square

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



44.2219, 74.9540, 54.2563



60.9086, 74.9540, 208.6642



107.4932, 74.9540, 116.8949



82.6816, 74.9540, 20.6599

Rectangle

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



44.2219, 74.9540, 54.2563



46.3565, 74.9540, 140.9081



107.4932, 74.9540, 116.8949



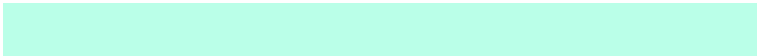
103.7392, 74.9540, 41.8378

Sweetspot

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



44.2225, 74.9543, 54.2576



70.5902, 87.7955, 89.4570



41.9096, 74.6687, 13.1819



14.5814, 18.5300, 18.6623



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.



44.2225, 74.9543, 54.2576



42.9453, 74.3941, 49.7574



44.2412, 58.9694, 103.6582



18.2800, 20.3715, 21.7774



22.5123, 38.9015, 26.3806



2.2429, 3.8081, 2.8368

Inverse Universe

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



44.0587, 22.9791, 14.9490



42.9095, 21.9278, 10.7214



43.0616, 24.6047, 3.4578



18.2613, 18.0878, 19.9933



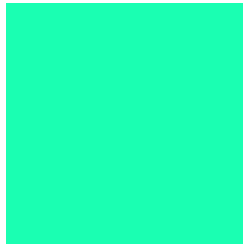
22.4830, 11.4825, 5.9281



2.2376, 1.1374, 0.8325

Previews

White Background



This preview shows how the XYZ color 44.2219, 74.9540, 54.2563 looks on a white background.

Color Contrast Check

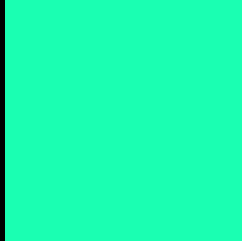
Large Text (above 18pt) WCAG AA × Fail

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 44.2219, 74.9540, 54.2563 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

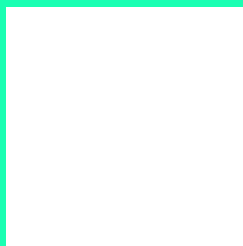
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.2219, 74.9540, 54.2563

Background



This preview shows how black text looks on a background with the XYZ color 44.2219, 74.9540, 54.2563.



This preview shows how white text looks on a background with the XYZ color 44.2219, 74.9540,

Color Blindness Simulation

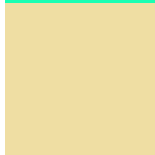
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



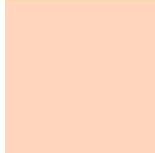
Original Color

44.2219, 74.9540, 54.2563



Protanopia

68.3287, 73.2376, 45.1853



Deuteranopia

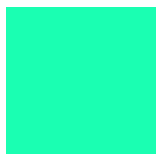
74.4719, 73.0273, 58.3147



Tritanopia

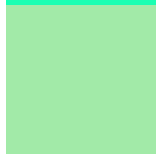
58.9082, 74.1039, 105.8064

Trichromacy



Original Color

44.2219, 74.9540, 54.2563



Protanomaly

51.3910, 69.3542, 47.7239



Deuteranomaly

53.7895, 68.3121, 56.2495



Tritanomaly

51.2369, 73.2838, 84.1178

Monochromacy



Original Color

44.2219, 74.9540, 54.2563



Achromatopsia

42.3164, 44.5201, 48.4824



Achromatomaly

38.2756, 51.5679, 50.0557

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.2219, 74.9540, 54.2563 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, 178)` looks like.

```
.text, #text, p{  
    color:rgb(26, 255, 178)  
}
```

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, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 255, 178) }
```

Border

The CSS property to change the border of an element to XYZ 44.2219, 74.9540, 54.2563 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, 178) }
```


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

```
.border{ border-color:rgb(26, 255, 178) }
```

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, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 255, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 255, 178);  
box-shadow:4px 4px 4px 4px rgb(26, 255,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 44.2219, 74.9540, 54.2563 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, 178) }
```

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

```
.background{ background-color: rgb(26, 255,  
178) }
```

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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