

Converting Colors

XYZ(44.2706, 75.0290, 52.0051)

Have a look what the booklet for
XYZ(44.2706, 75.0290, 52.0051)
contains.

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Color

**XYZ(44.3144, 75.0474,
52.1944)**

Conversions

Conversions Part 1

Format	Color
Hex	29FFAE
RGB	41, 255, 174
RGB Percent	16%, 100%, 68%
CMY	0.8392, 0.0000, 0.3176
CMYK	0.84, 0.00, 0.32, 0.00
HSL	157°, 100%, 58%
HSV	157°, 84%, 100%
XYZ	44.3144, 75.0474, 52.1944
YIQ	181.7800, -101.5430, -70.5590

Conversions

Conversions Part 2

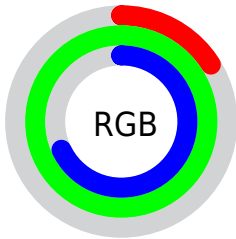
Format	Color
RYB	41, 173, 255
Decimal	2752430
CIELab	89.42, -66.67, 25.23
CIELCh	89, 71.280, 159.275
Yxy	75.0474, 0.2583, 0.4375
Android (android.graphics.Color)	4280942510 (0xFF29FFAE)
YUV	181.7800, -3.8355, -123.4641
Hunter-Lab	86.6299, -60.2930, 24.9188

Details

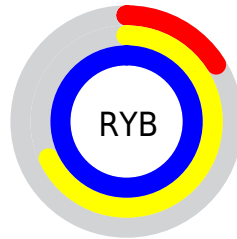
The XYZ color **44.3144, 75.0474, 52.1944** is a light color, and the websafe version is hex **33FF99**. The color can be described as light washed spring green. A complement of this color would be **45.5465, 24.2518, 20.6949**, and the grayscale version is **44.4046, 46.7171, 50.8749**.

A 20% lighter version of the original color is **58.6471, 81.6688, 87.5355**, and **23.4174, 41.3130, 24.8291** is the 20% darker color. If you saturate the color by 10%, you get **42.6979, 74.3189, 47.3827**, and if you desaturate by 10%, it is **46.6568, 76.1422, 57.3956**.

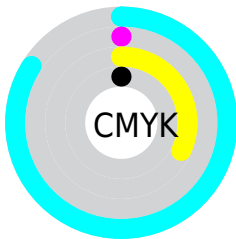
Distribution



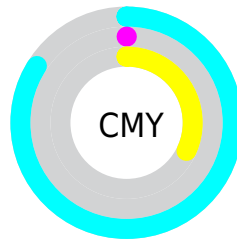
- Red (16%)
- Green (100%)
- Blue (68%)



- Red (16%)
- Yellow (68%)
- Blue (100%)



- Cyan (84%)
- Magenta (0%)
- Yellow (32%)
- Black (0%)




- Cyan (84%)
- Magenta (0%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.3144, 75.0474, 52.1944 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 44.3144, 75.0474, 52.1944 by changing the saturation by 10% instead.


 44.3144, 75.0474,
52.1944


 44.3144, 75.0474,
52.1944


354.8203,
478.0805, 412.1649


 31.1167, 55.6517,
36.7767


 80.9340, 126.3795,
94.8474


 20.8400, 39.9238,
24.7402


 105.0867,
159.0846, 122.9198

 13.1189, 27.4791,
15.6664


 133.6218,
196.9951, 156.0475

 7.5880, 17.9334,
9.1366

 166.9046,
240.4952, 194.6491

 3.8821, 10.9022,
4.7324

205.3005,
289.9694, 239.1431

 1.6356, 6.0011,
2.0351

249.1748,

 0.4155, 2.8457,

345.8021, 289.9480

0.5767

298.8930,
408.3777, 347.4825

■ 0.0000, 1.0517,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 44.3144, 75.0474,
52.1944

■ 44.3144, 75.0474,
52.1944

■ 42.6979, 74.3189,
47.3827

■ 46.6568, 76.1422,
57.3956

■ 41.9730, 74.0052,
44.6371

■ 49.8344, 77.6597,
62.9948

■ 53.9392, 79.6471,
69.0045

■ 59.0501, 82.1448,
75.4351

■ 65.2370, 85.1888,
82.2965

■ 72.5638, 88.8118,
89.5980

■ 81.0887, 93.0439,
97.3487

■ 90.8663, 97.9129,
105.5572

■ 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.



52.1199, 75.0474, 27.5978



44.3144, 75.0474, 52.1944



43.0642, 75.0474, 98.2088

Triad

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



44.3144, 75.0474, 52.1944



76.8786, 75.0474, 218.0619



100.6008, 75.0474, 34.7123

Complementary

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



44.3144, 75.0474, 52.1944



45.5465, 24.2518, 20.6949

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.



109.8552, 75.0474, 67.1777



44.3144, 75.0474, 52.1944



94.7615, 75.0474, 181.0202

Square

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



44.3144, 75.0474, 52.1944



60.0978, 75.0474, 208.6492



107.5596, 75.0474, 120.6774



83.8819, 75.0474, 20.7446

Rectangle

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



44.3144, 75.0474, 52.1944



45.8722, 75.0474, 138.3190



107.5596, 75.0474, 120.6774



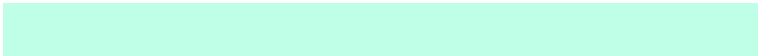
104.8023, 75.0474, 43.1408

Sweetspot

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



44.3150, 75.0477, 52.1957



71.7142, 88.3910, 88.7866



44.3343, 75.8940, 14.4110



14.7798, 18.6372, 18.4477



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

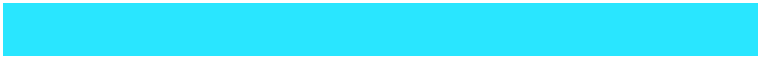
The Same Dimension uses a secret algorithm to generate beautiful new colors.



44.3150, 75.0477, 52.1957



41.9730, 74.0052, 44.6371



47.2712, 64.3044, 104.5283



18.2463, 20.3580, 21.5999



22.0068, 38.6993, 23.7186



2.1959, 3.7893, 2.5894

Inverse Universe

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



45.5465, 24.2518, 20.6949



43.3753, 22.1141, 13.1745



43.5871, 25.3136, 4.6874



18.2938, 18.1008, 20.1643



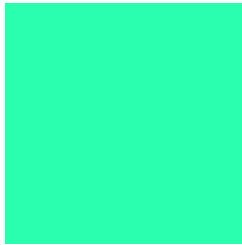
22.7312, 11.5818, 7.2352



2.2644, 1.1481, 0.9735

Previews

White Background



This preview shows how the XYZ color 44.3144, 75.0474, 52.1944 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 44.3144, 75.0474, 52.1944 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

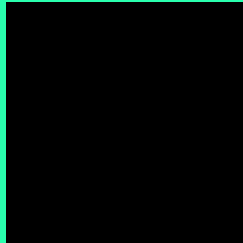
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.3144, 75.0474, 52.1944

Background



This preview shows how black text looks on a background with the XYZ color 44.3144, 75.0474, 52.1944.



This preview shows how white text looks on a background with the XYZ color 44.3144, 75.0474,

Color Blindness Simulation

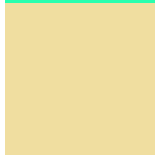
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

44.3144, 75.0474, 52.1944



Protanopia

68.4016, 73.3059, 43.8020



Deuteranopia

74.5101, 73.4487, 57.2636



Tritanopia

59.2330, 74.2714, 105.8216

Trichromacy



Original Color

44.3144, 75.0474, 52.1944



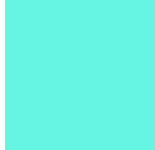
Protanomaly

52.3628, 69.8871, 46.3271



Deuteranomaly

54.8718, 69.3181, 54.7437



Tritanomaly

51.8594, 73.6206, 83.4284

Monochromacy



Original Color

44.3144, 75.0474, 52.1944



Achromatopsia

44.4628, 46.7784, 50.9417



Achromatomaly

40.2972, 53.6809, 50.8854

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.3144, 75.0474, 52.1944 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(41, 255, 174)` looks like.

```
.text, #text, p{  
    color:rgb(41, 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(41, 255, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 255, 174) }
```

Border

The CSS property to change the border of an element to XYZ 44.3144, 75.0474, 52.1944 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(41, 255, 174) }
```


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

```
.border{ border-color:rgb(41, 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(41, 255, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 255, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 255, 174);  
box-shadow:4px 4px 4px 4px rgb(41, 255,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 44.3144, 75.0474, 52.1944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 255, 174) }
```

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

```
.background{ background-color: rgb(41, 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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