

Converting Colors

XYZ(43.4608, 74.6636, 49.6138)

Have a look what the booklet for
XYZ(43.4608, 74.6636, 49.6138)
contains.

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Color

**XYZ(43.4569, 74.6606,
49.6566)**

Conversions

Conversions Part 1

Format	Color
Hex	1EFFA9
RGB	30, 255, 169
RGB Percent	12%, 100%, 66%
CMY	0.8823, 0.0000, 0.3372
CMYK	0.88, 0.00, 0.34, 0.00
HSL	157°, 100%, 56%
HSV	157°, 88%, 100%
XYZ	43.4569, 74.6606, 49.6566
YIQ	177.9210, -106.4940, -74.4460

Conversions

Conversions Part 2

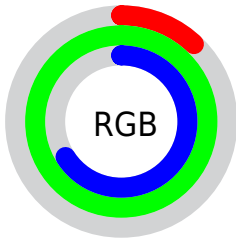
Format	Color
R_{YB}	30, 169, 255
Decimal	2031529
CIE _{Lab}	89.23, -68.40, 27.49
CIE _{LCh}	89, 73.720, 158.104
Yxy	74.6606, 0.2590, 0.4450
Android (android.graphics.Color)	4280221609 (0xFF1E _{FF} A9)
YUV	177.9210, -4.3981, -129.7267
Hunter-Lab	86.4064, -61.4370, 26.4113

Details

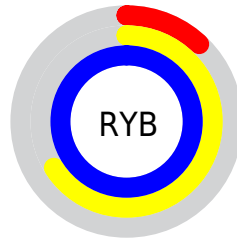
The XYZ color **43.4569, 74.6606, 49.6566** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **44.8578, 23.4506, 18.6890**, and the grayscale version is **42.3401, 44.5451, 48.5096**.

A 20% lighter version of the original color is **57.2358, 81.0212, 83.8562**, and **23.1186, 41.1935, 23.2557** is the 20% darker color. If you saturate the color by 10%, you get **42.0967, 74.0612, 44.9937**, and if you desaturate by 10%, it is **45.4753, 75.5914, 54.7089**.

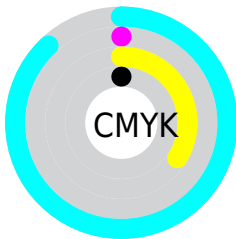
Distribution



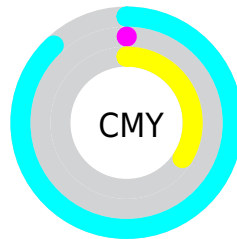
- Red (12%)
- Green (100%)
- Blue (66%)



- Red (12%)
- Yellow (66%)
- Blue (100%)



- Cyan (88%)
- Magenta (0%)
- Yellow (34%)
- Black (0%)





- Cyan (88%)
- Magenta (0%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.4569, 74.6606, 49.6566 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 43.4569, 74.6606, 49.6566 by changing the saturation by 10% instead.


 43.4569, 74.6606,
49.6566


 43.4569, 74.6606,
49.6566


351.3772,
476.7502, 402.0180


 30.4398, 55.3349,
34.7713


 79.6513, 125.8318,
91.0569

 20.3224, 39.6699,
23.2047


 103.5594,
158.4461, 118.4091


 12.7392, 27.2813,
14.5380


 131.8285,
196.2587, 150.7540

 7.3250, 17.7846,
8.3528

 164.8240,
239.6540, 188.5101

 3.7143, 10.7954,
4.2305

 202.9113,
289.0164, 232.0960

 1.5418, 5.9295,
1.7526


246.4556,

 0.3540, 2.8022,


344.7303, 281.9303


0.3964


295.8225,
407.1801, 338.4315


 0.0000, 1.0294,
0.0000


 0.0000, 0.0000,
0.0000


 43.4569, 74.6606,
49.6566


 43.4569, 74.6606,
49.6566


 42.0967, 74.0612,
44.9937


 45.4753, 75.5914,
54.7089


 41.8911, 73.9725,
44.2061


 48.2854, 76.9223,
60.1607


 51.9864, 78.7043,
66.0250

 56.6621, 80.9804,
72.3128

 62.3859, 83.7883,
79.0345

 69.2242, 87.1620,
86.1998

 77.2375, 91.1327,
93.8179

 86.4819, 95.7291,
101.8980

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.



51.6812, 74.6606, 25.5925



43.4569, 74.6606, 49.6566



41.9246, 74.6606, 96.0778

Triad

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



43.4569, 74.6606, 49.6566



75.9531, 74.6606, 224.1458



101.8188, 74.6606, 34.1949

Complementary

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



43.4569, 74.6606, 49.6566



44.8578, 23.4506, 18.6890

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.



111.0237, 74.6606, 68.1080



43.4569, 74.6606, 49.6566



94.5269, 74.6606, 186.8520

Square

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



43.4569, 74.6606, 49.6566



58.8262, 74.6606, 212.2536



108.1509, 74.6606, 124.1268



84.6631, 74.6606, 19.6568

Rectangle

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



43.4569, 74.6606, 49.6566



44.6091, 74.6606, 137.4770



108.1509, 74.6606, 124.1268



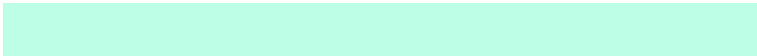
106.0670, 74.6606, 42.9778

Sweetspot

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



43.4575, 74.6609, 49.6579



70.9068, 87.9944, 87.8586



43.2315, 75.3446, 13.4937



14.6228, 18.5603, 18.2557



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.



43.4575, 74.6609, 49.6579



41.8911, 73.9725, 44.2061



46.5365, 63.3976, 104.3920



18.2433, 20.3569, 21.5843



21.9641, 38.6822, 23.4942



2.1919, 3.7877, 2.5684

Inverse Universe

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



44.8578, 23.4506, 18.6890



43.4197, 22.1319, 13.4080



42.9015, 24.2078, 3.6407



18.2967, 18.1020, 20.1794



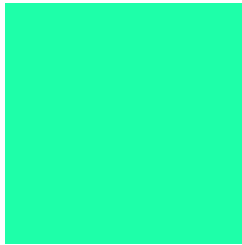
22.7548, 11.5912, 7.3592



2.2669, 1.1491, 0.9867

Previews

White Background



This preview shows how the XYZ color 43.4569, 74.6606, 49.6566 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 43.4569, 74.6606, 49.6566 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

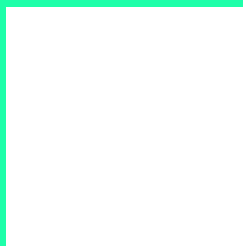
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.4569, 74.6606, 49.6566

Background



This preview shows how black text looks on a background with the XYZ color 43.4569, 74.6606, 49.6566.



This preview shows how white text looks on a background with the XYZ color 43.4569, 74.6606, 49.6566.

Color Blindness Simulation

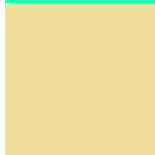
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

43.4569, 74.6606, 49.6566



Protanopia

67.9729, 73.1344, 41.5441



Deuteranopia

73.8338, 72.7720, 54.9547



Tritanopia

58.7480, 74.0213, 105.7989

Trichromacy



Original Color

43.4569, 74.6606, 49.6566



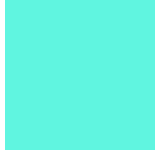
Protanomaly

51.0778, 69.2762, 43.9373



Deuteranomaly

53.2888, 68.1372, 52.4627



Tritanomaly

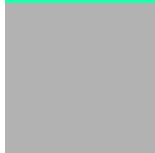
50.9308, 73.1734, 81.9606

Monochromacy



Original Color

43.4569, 74.6606, 49.6566



Achromatopsia

42.3164, 44.5201, 48.4824



Achromatomaly

38.1214, 51.5228, 48.4931

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4569, 74.6606, 49.6566 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(30, 255, 169)` looks like.

```
.text, #text, p{  
    color:rgb(30, 255, 169)  
}
```

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(30, 255, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 255, 169) }
```

Border

The CSS property to change the border of an element to XYZ 43.4569, 74.6606, 49.6566 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(30, 255, 169) }
```


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

```
.border{ border-color:rgb(30, 255, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 255, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 255, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 255, 169);  
box-shadow:4px 4px 4px 4px rgb(30, 255,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4569, 74.6606, 49.6566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 255, 169) }
```

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

```
.background{ background-color: rgb(30, 255,  
169) }
```

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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