

Converting Colors

XYZ(43.7133, 71.6902, 30.6215)

Have a look what the booklet for
XYZ(43.7133, 71.6902, 30.6215)
contains.

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Color

**XYZ(43.5809, 71.4215,
30.5576)**

Conversions

Conversions Part 1

Format	Color
Hex	70F77C
RGB	112, 247, 124
RGB Percent	44%, 97%, 49%
CMY	0.5608, 0.0314, 0.5137
CMYK	0.55, 0.00, 0.50, 0.03
HSL	125°, 89%, 70%
HSV	125°, 55%, 97%
XYZ	43.5809, 71.4215, 30.5576
YIQ	192.6130, -40.9770, -66.8730

Conversions

Conversions Part 2

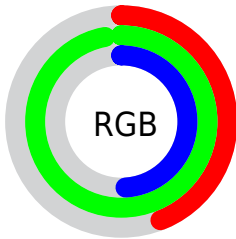
Format	Color
RYB	112, 236, 247
Decimal	7403388
CIELab	87.69, -61.38, 47.83
CIELCh	88, 77.816, 142.072
Yxy	71.4215, 0.2994, 0.4907
Android (android.graphics.Color)	4285593468 (0xFF70F77C)
YUV	192.6130, -33.8262, -70.6976
Hunter-Lab	84.5112, -55.8455, 37.7198

Details

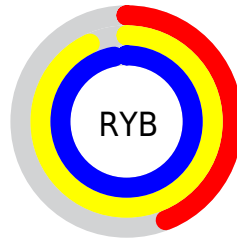
The XYZ color **43.5809, 71.4215, 30.5576** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **59.1493, 37.3617, 82.6926**, and the grayscale version is **50.6722, 53.3111, 58.0558**.

A 20% lighter version of the original color is **61.1303, 83.6589, 55.5737**, and **20.2898, 37.3424, 12.0997** is the 20% darker color. If you saturate the color by 10%, you get **39.5942, 69.5145, 23.7713**, and if you desaturate by 10%, it is **48.7577, 73.9087, 39.0977**.

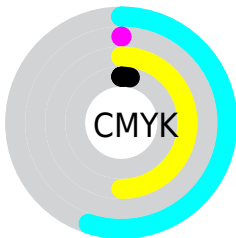
Distribution



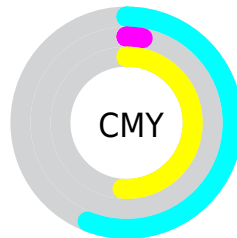
- Red (44%)
- Green (97%)
- Blue (49%)



- Red (44%)
- Yellow (93%)
- Blue (97%)



- Cyan (55%)
- Magenta (0%)
- Yellow (50%)
- Black (3%)





- Cyan (56%)
- Magenta (3%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.5809, 71.4215, 30.5576 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 43.5809, 71.4215, 30.5576 by changing the saturation by 10% instead.


 43.5809, 71.4215,
30.5576


 43.5809, 71.4215,
30.5576


351.8765,
465.5255, 318.7828


 30.5377, 52.6862,
20.0066


 79.8370, 121.2337,
61.6143

 20.3971, 37.5524,
12.2157


 103.7805,
153.0794, 82.9570

 12.7940, 25.6354,
6.7664


 132.0883,
190.0641, 108.7340

 7.3629, 16.5511,
3.2402

165.1255,
232.5721, 139.3639

 3.7384, 9.9150,
1.2186

203.2575,
280.9879, 175.2652

 1.5552, 5.3426,
0.0000

246.8498,

 0.3630, 2.4497,

335.6958, 216.8564

0.0000

296.2677,
397.0802, 264.5561

■ 0.0000, 0.8513,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 43.5809, 71.4215,
30.5576

■ 43.5809, 71.4215,
30.5576

■ 39.5942, 69.5145,
23.7713

■ 48.7577, 73.9087,
39.0977

■ 36.6977, 68.1324,
18.6128


■ 55.2038, 77.0083,
49.4967


■ 34.7837, 67.2249,
14.9470


■ 62.9976, 80.7606,
61.8569

■ 33.7196, 66.7269,
12.6147

■ 72.2099, 85.2002,
76.2719

 33.4066, 66.5821,
11.8480

 82.9062, 90.3590,
92.8292

 92.5522, 95.0044,
108.0674

Harmonies

Analogous

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



55.4130, 71.4215, 16.5157



43.5809, 71.4215, 30.5576



38.4732, 71.4215, 64.5828

Triad

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



43.5809, 71.4215, 30.5576



63.1096, 71.4215, 227.9343



106.3301, 71.4215, 45.5086

Complementary

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



43.5809, 71.4215, 30.5576



59.1493, 37.3617, 82.6926

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.



109.4068, 71.4215, 92.6309



43.5809, 71.4215, 30.5576



82.0984, 71.4215, 214.9360

Square

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



43.5809, 71.4215, 30.5576



48.3383, 71.4215, 188.5128



99.8690, 71.4215, 158.3750



92.0947, 71.4215, 22.0203

Rectangle

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



43.5809, 71.4215, 30.5576



38.7789, 71.4215, 100.9947



99.8690, 71.4215, 158.3750



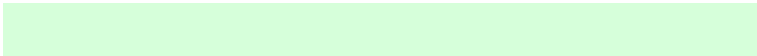
108.7961, 71.4215, 58.4034

Sweetspot

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



43.5827, 71.4245, 30.5592



76.1823, 90.8992, 79.7414



70.6974, 85.4851, 28.1035



15.8511, 19.2368, 16.3581



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.



43.5827, 71.4245, 30.5592



42.0441, 74.4845, 24.6440



49.3211, 73.7199, 60.7777



16.3420, 18.4959, 17.8194



17.6882, 35.2201, 6.3779



1.5746, 3.1035, 0.6658

Inverse Universe

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



59.1493, 37.3617, 82.6926



60.3576, 34.3214, 85.9102



51.2451, 34.2000, 41.0695



17.1464, 16.7414, 20.5173



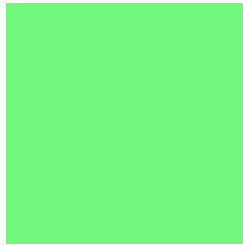
27.5041, 13.3451, 38.9582



2.4356, 1.1802, 3.5204

Previews

White Background



This preview shows how the XYZ color 43.5809, 71.4215, 30.5576 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 43.5809, 71.4215, 30.5576 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

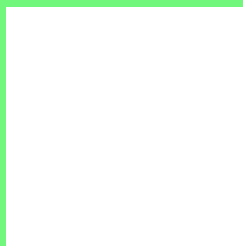
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.5809, 71.4215, 30.5576

Background



This preview shows how black text looks on a background with the XYZ color 43.5809, 71.4215, 30.5576.

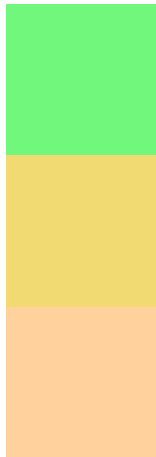


This preview shows how white text looks on a background with the XYZ color 43.5809, 71.4215,

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

43.5809, 71.4215, 30.5576

Protanopia

64.3843, 70.0585, 26.0488

Deuteranopia

70.3724, 69.7875, 41.6596



Tritanopia

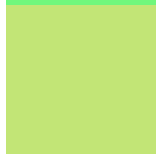
57.8649, 71.0569, 102.7610

Trichromacy



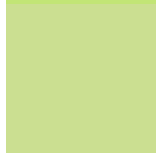
Original Color

43.5809, 71.4215, 30.5576



Protanomaly

53.5375, 68.8160, 27.6006



Deuteranomaly

56.1271, 67.5162, 36.8618



Tritanomaly

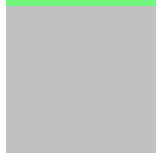
50.9541, 70.3821, 68.6572

Monochromacy



Original Color

43.5809, 71.4215, 30.5576



Achromatopsia

50.6879, 53.3276, 58.0738



Achromatomaly

46.1720, 58.3082, 45.8669

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5809, 71.4215, 30.5576 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(112, 247, 124)` looks like.

```
.text, #text, p{  
    color:rgb(112, 247, 124)  
}
```

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(112, 247, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 247, 124) }
```

Border

The CSS property to change the border of an element to XYZ 43.5809, 71.4215, 30.5576 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(112, 247, 124) }
```


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

```
.border{ border-color:rgb(112, 247, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 247, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 247, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 247, 124);  
box-shadow:4px 4px 4px 4px rgb(112, 247,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5809, 71.4215, 30.5576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 247, 124) }
```

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

```
.background{ background-color: rgb(112,  
247, 124) }
```

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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