

Converting Colors

XYZ(43.3215, 75.3818, 13.9122)

Have a look what the booklet for
XYZ(43.3215, 75.3818, 13.9122)
contains.

XYZ(43.2809, 75.3604, 13.9339)	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(43.2809, 75.3604,
13.9339)**

Conversions

Conversions Part 1

Format	Color
Hex	74FF24
RGB	116, 255, 36
RGB Percent	45%, 100%, 14%
CMY	0.5451, 0.0000, 0.8588
CMYK	0.55, 0.00, 0.86, 0.00
HSL	98°, 100%, 57%
HSV	98°, 86%, 100%
XYZ	43.2809, 75.3604, 13.9339
YIQ	188.4730, -12.5450, -97.5770

Conversions

Conversions Part 2

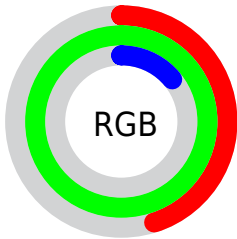
Format	Color
R _Y B	36, 255, 175
Decimal	7667492
CIE Lab	89.56, -70.34, 81.22
CIE LCh	90, 107.439, 130.893
Yxy	75.3604, 0.3265, 0.5684
Android (android.graphics.Color)	4285857572 (0xFF74FF24)
YUV	188.4730, -75.1692, -63.5588
Hunter-Lab	86.8104, -62.9237, 51.2506

Details

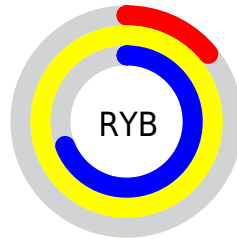
The XYZ color **43.2809, 75.3604, 13.9339** is a dark color, and the websafe version is hex **66FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **36.3636, 17.5982, 96.0880**, and the grayscale version is **48.4901, 51.0154, 55.5558**.

A 20% lighter version of the original color is **57.1322, 82.2432, 26.2279**, and **20.7292, 40.3258, 6.6911** is the 20% darker color. If you saturate the color by 10%, you get **41.0526, 74.2418, 12.4684**, and if you desaturate by 10%, it is **46.1610, 76.7830, 16.8754**.

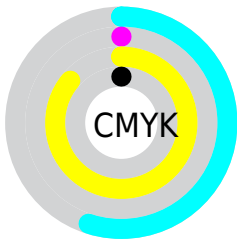
Distribution



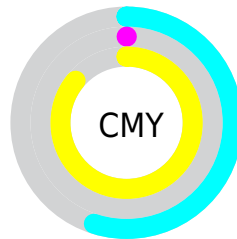
- Red (45%)
- Green (100%)
- Blue (14%)



- Red (14%)
- Yellow (100%)
- Blue (69%)



- Cyan (55%)
- Magenta (0%)
- Yellow (86%)
- Black (0%)





- Cyan (55%)
- Magenta (0%)
- Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.2809, 75.3604, 13.9339 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 43.2809, 75.3604, 13.9339 by changing the saturation by 10% instead.


 43.2809, 75.3604,
13.9339


 43.2809, 75.3604,
13.9339


350.6677,
479.1554, 228.2333


 30.3011, 55.9082,
7.9365


 79.3876, 126.8224,
33.6871

 20.2164, 40.1293,
3.9671


 103.2453,
159.6010, 48.2800


 12.6616, 27.6394,
1.6073


 131.4595,
197.5905, 66.5752

 7.2713, 18.0540,
0.2960

 164.3957,
241.1753, 88.9911

 3.6802, 10.9888,
0.0000

 202.4193,
290.7397, 115.9463

 1.5229, 6.0593,
0.0000

245.8956,

 0.3413, 2.8812,

346.6683, 147.8594

0.0000

295.1899,
409.3454, 185.1489

■ 0.0000, 1.0700,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 43.2809, 75.3604,
13.9339

■ 43.2809, 75.3604,
13.9339

■ 41.0526, 74.2418,
12.4684


■ 46.1610, 76.7830,
16.8754


■ 40.2884, 73.8545,
12.1319


■ 49.7609, 78.5390,
21.5566


■ 54.1385, 80.6533,
28.1939

■ 59.3444, 83.1482,
36.9714

 65.4245, 86.0436,
48.0520

 72.4209, 89.3581,
61.5828

 80.3727, 93.1090,
77.6986

 89.3167, 97.3124,
96.5244

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.



62.4603, 75.3604, 6.0931



43.2809, 75.3604, 13.9339



33.5849, 75.3604, 43.0882

Triad

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



43.2809, 75.3604, 13.9339



56.2700, 75.3604, 310.1967



133.8994, 75.3604, 57.5422

Complementary

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



43.2809, 75.3604, 13.9339



36.3636, 17.5982, 96.0880

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.



131.0654, 75.3604, 139.4028



43.2809, 75.3604, 13.9339



81.6511, 75.3604, 323.4531

Square

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



43.2809, 75.3604, 13.9339



39.7111, 75.3604, 218.6857



110.2442, 75.3604, 248.2119



117.2371, 75.3604, 18.9515

Rectangle

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



43.2809, 75.3604, 13.9339



31.9296, 75.3604, 84.3416



110.2442, 75.3604, 248.2119



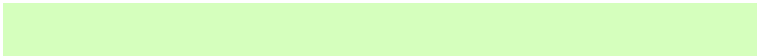
135.2823, 75.3604, 79.8095

Sweetspot

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



43.2811, 75.3604, 13.9350



72.3291, 89.3147, 61.4009



56.8313, 51.9327, 8.6988



14.9408, 18.8613, 12.0802



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.



43.2811, 75.3604, 13.9350



40.2884, 73.8545, 12.1319



37.4483, 72.2794, 17.0109



18.3980, 20.4911, 19.1298



21.2007, 38.6675, 6.3462



2.1792, 3.8242, 0.6233

Inverse Universe

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



36.3636, 17.5982, 96.0880



32.9218, 14.8867, 95.7460



55.5716, 28.0027, 74.2851



18.1116, 17.9493, 22.7599



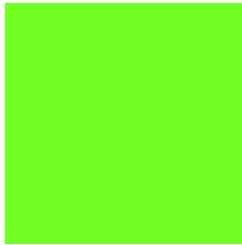
17.3721, 7.8661, 50.0373



1.8116, 0.8278, 4.8776

Previews

White Background



This preview shows how the XYZ color 43.2809, 75.3604, 13.9339 looks on a white background.

Color Contrast Check

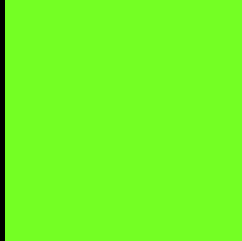
Large Text (above 18pt) WCAG AA × Fail

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 43.2809, 75.3604, 13.9339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

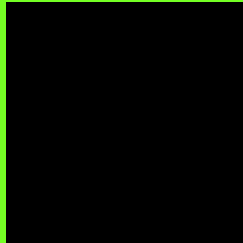
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

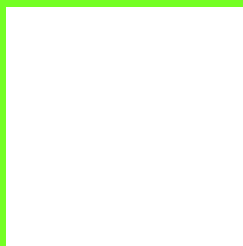
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.2809, 75.3604, 13.9339

Background



This preview shows how black text looks on a background with the XYZ color 43.2809, 75.3604, 13.9339.



This preview shows how white text looks on a background with the XYZ color 43.2809, 75.3604,

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

43.2809, 75.3604, 13.9339

Protanopia

66.9870, 74.0813, 11.7458

Deuteranopia

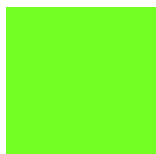
72.7537, 73.5660, 45.4871



Tritanopia

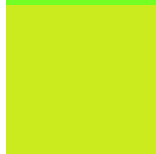
62.2388, 74.9565, 105.7955

Trichromacy



Original Color

43.2809, 75.3604, 13.9339



Protanomaly

54.5713, 72.2069, 12.2894



Deuteranomaly

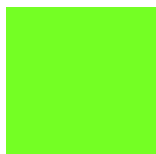
56.6886, 71.2736, 27.5990



Tritanomaly

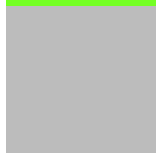
51.2439, 73.5473, 52.0527

Monochromacy



Original Color

43.2809, 75.3604, 13.9339



Achromatopsia

47.7994, 50.2886, 54.7643



Achromatomaly

42.6774, 56.4618, 30.8392

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2809, 75.3604, 13.9339 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(116, 255, 36)` looks like.

```
.text, #text, p{  
    color:rgb(116, 255, 36)  
}
```

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(116, 255, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 255, 36) }
```

Border

The CSS property to change the border of an element to XYZ 43.2809, 75.3604, 13.9339 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(116, 255, 36) }
```


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

```
.border{ border-color:rgb(116, 255, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 255, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 255, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 255, 36);  
box-shadow:4px 4px 4px 4px rgb(116, 255,  
36) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2809, 75.3604, 13.9339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 255, 36) }
```

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

```
.background{ background-color: rgb(116,  
255, 36) }
```

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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