

Converting Colors

XYZ(43.0351, 75.2621, 12.6396)

Have a look what the booklet for
XYZ(43.0351, 75.2621, 12.6396)
contains.

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Color

**XYZ(43.0351, 75.2621,
12.6396)**

Conversions

Conversions Part 1

Format	Color
Hex	74FF0D
RGB	116, 255, 13
RGB Percent	45%, 100%, 5%
CMY	0.5451, 0.0000, 0.9489
CMYK	0.55, 0.00, 0.95, 0.00
HSL	94°, 100%, 53%
HSV	94°, 95%, 100%
XYZ	43.0351, 75.2621, 12.6396
YIQ	185.8510, -5.1620, -104.7300

Conversions

Conversions Part 2

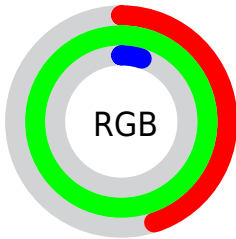
Format	Color
RYB	13, 255, 152
Decimal	7667469
CIELab	89.52, -70.87, 84.36
CIElCh	90, 110.176, 130.032
Yxy	75.2621, 0.3287, 0.5748
Android (android.graphics.Color)	4285857549 (0xFF74FF0D)
YUV	185.8510, -85.2155, -61.2593
Hunter-Lab	86.7537, -63.2722, 52.0893

Details

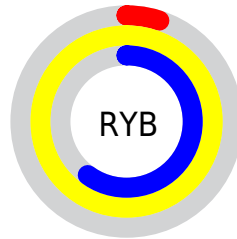
The XYZ color **43.0351, 75.2621, 12.6396** is a dark color, and the websafe version is hex **66FF00**. The color can be described as dark saturated chartreuse. A complement of this color would be **31.1495, 14.1873, 95.7044**, and the grayscale version is **47.0552, 49.5057, 53.9117**.

A 20% lighter version of the original color is **56.6937, 82.0678, 23.9189**, and **20.6938, 40.3076, 6.6895** is the 20% darker color. If you saturate the color by 10%, you get **42.0069, 74.7404, 12.2123**, and if you desaturate by 10%, it is **45.4242, 76.4606, 14.2434**.

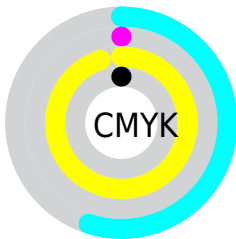
Distribution



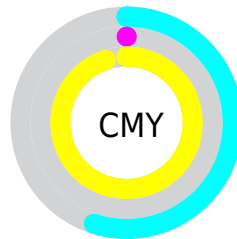
- Red (45%)
- Green (100%)
- Blue (5%)



- Red (5%)
- Yellow (100%)
- Blue (60%)



- Cyan (55%)
- Magenta (0%)
- Yellow (95%)
- Black (0%)





- Cyan (55%)
- Magenta (0%)
- Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.0351, 75.2621, 12.6396 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 43.0351, 75.2621, 12.6396 by changing the saturation by 10% instead.


 43.0351, 75.2621,
12.6396

 43.0351, 75.2621,
12.6396


349.6752,
478.8180, 219.7209

 30.1073, 55.8276,
7.0530


 79.0192, 126.6833,
31.3364


 20.0685, 40.0647,
3.4163


 102.8062,
159.4388, 45.2837


 12.5534, 27.5890,
1.3110


 130.9437,
197.4035, 62.8551

 7.1966, 18.0161,
0.0707

 163.7969,
240.9617, 84.4690

 3.6328, 10.9615,
0.0000

 201.7314,
290.4979, 110.5440

 1.4966, 6.0410,
0.0000

 245.1123,

 0.3235, 2.8700,

346.3964, 141.4986

0.0000

294.3051,
409.0416, 177.7514

■ 0.0000, 1.0643,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 43.0351, 75.2621,
12.6396

■ 43.0351, 75.2621,
12.6396

■ 42.0069, 74.7404,
12.2123

■ 45.4242, 76.4606,
14.2434

■ 48.4158, 77.9373,
17.3470

■ 52.0720, 79.7182,
22.2116

■ 56.4447, 81.8256,
29.0485

■ 61.5796, 84.2791,
38.0393

■ 67.5181, 87.0965,
49.3449

■ 74.2981, 90.2940,
63.1107

■ 81.9548, 93.8870,
79.4705

■ 90.5212, 97.8897,
98.5482

Harmonies

Analogous

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



62.8549, 75.2621, 5.3892



43.0351, 75.2621, 12.6396



32.9533, 75.2621, 40.8944

Triad

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



43.0351, 75.2621, 12.6396



55.2094, 75.2621, 316.6510



135.9090, 75.2621, 58.6511

Complementary

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



43.0351, 75.2621, 12.6396



31.1495, 14.1873, 95.7044

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.



132.3656, 75.2621, 144.0310



43.0351, 75.2621, 12.6396



80.9782, 75.2621, 333.3706

Square

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



43.0351, 75.2621, 12.6396



38.6557, 75.2621, 219.8642



110.4545, 75.2621, 256.9818



119.1797, 75.2621, 18.6422

Rectangle

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



43.0351, 75.2621, 12.6396



31.1241, 75.2621, 82.0316



110.4545, 75.2621, 256.9818



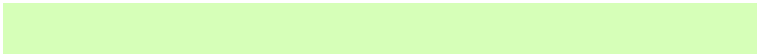
137.1320, 75.2621, 81.8637

Sweetspot

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



43.0352, 75.2621, 12.6407



72.0966, 89.2576, 58.5564



52.2428, 43.1490, 5.9570



14.8076, 18.8105, 11.2687



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.



43.0352, 75.2621, 12.6407



42.0069, 74.7404, 12.2123



36.1503, 71.6953, 13.1063



18.5044, 20.5459, 19.1348



22.1117, 39.1371, 6.3888



2.2747, 3.8734, 0.6278

Inverse Universe

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



31.1495, 14.1873, 95.7044



29.9909, 13.3758, 95.6088



56.9450, 27.7729, 83.9192



18.0023, 17.8929, 22.7548



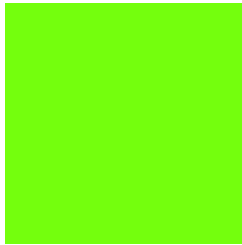
15.8452, 7.0790, 49.9658



1.6678, 0.7537, 4.8708

Previews

White Background



This preview shows how the XYZ color 43.0351, 75.2621, 12.6396 looks on a white background.

Color Contrast Check

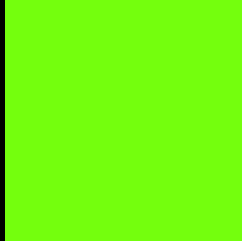
Large Text (above 18pt) WCAG AA × Fail

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 43.0351, 75.2621, 12.6396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

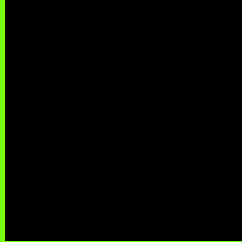
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.0351, 75.2621, 12.6396

Background



This preview shows how black text looks on a background with the XYZ color 43.0351, 75.2621, 12.6396.



This preview shows how white text looks on a background with the XYZ color 43.0351, 75.2621,

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

43.0351, 75.2621, 12.6396

Protanopia

66.8005, 74.0068, 10.7640

Deuteranopia

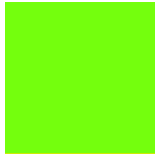
72.6637, 73.5301, 45.0133



Tritanopia

62.0445, 74.8563, 105.7864

Trichromacy



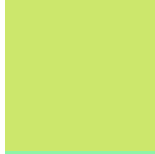
Original Color

43.0351, 75.2621, 12.6396



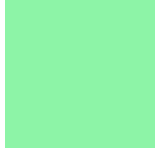
Protanomaly

54.3643, 72.1241, 11.1996



Deuteranomaly

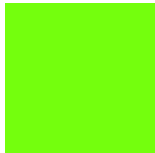
56.1845, 71.0719, 24.9444



Tritanomaly

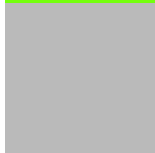
50.3102, 73.1541, 48.0277

Monochromacy



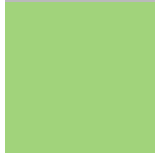
Original Color

43.0351, 75.2621, 12.6396



Achromatopsia

46.6715, 49.1021, 53.4722



Achromatomaly

41.5674, 55.5957, 27.2791

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0351, 75.2621, 12.6396 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, 13)` looks like.

```
.text, #text, p{  
    color:rgb(116, 255, 13)  
}
```

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, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 255, 13) }
```

Border

The CSS property to change the border of an element to XYZ 43.0351, 75.2621, 12.6396 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, 13) }
```


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

```
.border{ border-color:rgb(116, 255, 13) }
```

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, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 255, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 255, 13);  
box-shadow:4px 4px 4px 4px rgb(116, 255,  
13) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0351, 75.2621, 12.6396 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, 13) }
```

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

```
.background{ background-color: rgb(116,  
255, 13) }
```

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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