

Converting Colors

XYZ(43.2451, 75.0593, 26.7024)

Have a look what the booklet for
XYZ(43.2451, 75.0593, 26.7024)
contains.

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Color

**XYZ(43.2396, 75.0570,
26.6765)**

Conversions

Conversions Part 1

Format	Color
Hex	5FFF6D
RGB	95, 255, 109
RGB Percent	37%, 100%, 43%
CMY	0.6274, 0.0000, 0.5725
CMYK	0.63, 0.00, 0.57, 0.00
HSL	125°, 100%, 69%
HSV	125°, 63%, 100%
XYZ	43.2396, 75.0570, 26.6765
YIQ	190.5160, -48.4940, -79.3260

Conversions

Conversions Part 2

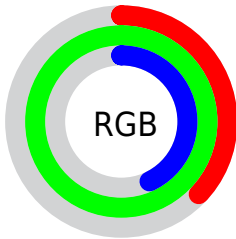
Format	Color
RYB	95, 242, 255
Decimal	6291309
CIELab	89.42, -69.85, 56.61
CIELCh	89, 89.908, 140.975
Yxy	75.0570, 0.2983, 0.5177
Android (android.graphics.Color)	4284481389 (0xFF5FFF6D)
YUV	190.5160, -40.1874, -83.7675
Hunter-Lab	86.6354, -62.5230, 42.3884

Details

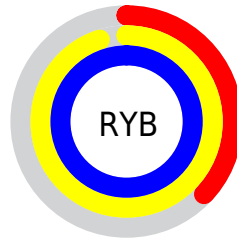
The XYZ color **43.2396, 75.0570, 26.6765** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle muted spring green. A complement of this color would be **61.2089, 35.7952, 86.8995**, and the grayscale version is **49.4863, 52.0634, 56.6970**.

A 20% lighter version of the original color is **56.9580, 81.6739, 47.8846**, and **20.6321, 40.1988, 10.1618** is the 20% darker color. If you saturate the color by 10%, you get **39.9190, 73.4712, 20.8259**, and if you desaturate by 10%, it is **47.7589, 77.2224, 34.3159**.

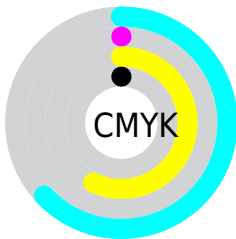
Distribution



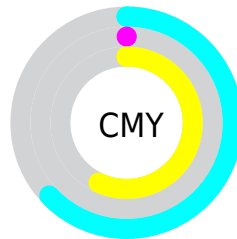
- Red (37%)
- Green (100%)
- Blue (43%)



- Red (37%)
- Yellow (95%)
- Blue (100%)



- Cyan (63%)
- Magenta (0%)
- Yellow (57%)
- Black (0%)





- Cyan (63%)
- Magenta (0%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.2396, 75.0570, 26.6765 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 43.2396, 75.0570, 26.6765 by changing the saturation by 10% instead.


 43.2396, 75.0570,
26.6765


 43.2396, 75.0570,
26.6765


350.5010,
478.1135, 299.7978


 30.2685, 55.6596,
17.1001


 79.3258, 126.3930,
55.3617


 20.1916, 39.9301,
10.1432


 103.1715,
159.1005, 75.3077

 12.6434, 27.4840,
5.3872


 131.3729,
197.0133, 99.5472

 7.2588, 17.9371,
2.4135

 164.2952,
240.5161, 128.4989

 3.6722, 10.9048,
0.7938

202.3038,
289.9931, 162.5812

 1.5184, 6.0029,
0.0000

245.7641,

 0.3383, 2.8468,

345.8287, 202.2128

0.0000

295.0414,
408.4074, 247.8122

0.0000, 1.0523,
0.0000

0.0000, 0.0000,
0.0000

43.2396, 75.0570,
26.6765

43.2396, 75.0570,
26.6765

39.9190, 73.4712,
20.8259

47.7589, 77.2224,
34.3159

37.6811, 72.4084,
16.6153

53.5761, 80.0158,
43.8698

36.3884, 71.8013,
13.8780

60.7812, 83.4812,
55.4565

35.9079, 71.5792,
12.6989

69.4559, 87.6583,
69.1839

■ 79.6756, 92.5839,
85.1524

■ 91.5103, 98.2920,
103.4558

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.



57.2295, 75.0570, 12.7348



43.2396, 75.0570, 26.6765



37.1577, 75.0570, 64.1382

Triad

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



43.2396, 75.0570, 26.6765



64.9008, 75.0570, 269.5418



118.6346, 75.0570, 45.5454

Complementary

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



43.2396, 75.0570, 26.6765



61.2089, 35.7952, 86.8995

Split Complementary

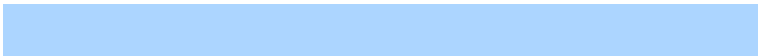
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



121.8663, 75.0570, 102.2628



43.2396, 75.0570, 26.6765



87.5966, 75.0570, 255.3204

Square

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



43.2396, 75.0570, 26.6765



47.8597, 75.0570, 216.7839



109.5528, 75.0570, 184.3409



101.4630, 75.0570, 19.0762

Rectangle

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



43.2396, 75.0570, 26.6765



37.3199, 75.0570, 107.0555



109.5528, 75.0570, 184.3409



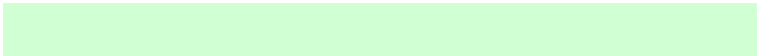
121.5090, 75.0570, 60.7418

Sweetspot

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



43.2399, 75.0572, 26.6777



73.0982, 89.4133, 74.8962



74.3292, 91.1646, 24.5056



15.0463, 18.8492, 15.0909



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.



43.2399, 75.0572, 26.6777



39.3242, 73.1881, 19.7385



49.5925, 77.5982, 60.1299



17.8361, 20.1940, 19.4399



18.7845, 37.4104, 6.7505



1.8499, 3.6509, 0.7674

Inverse Universe

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



61.2089, 35.7952, 86.8995



58.5304, 31.0871, 84.0059



51.8243, 32.0414, 37.4806



18.7201, 18.2713, 22.4089



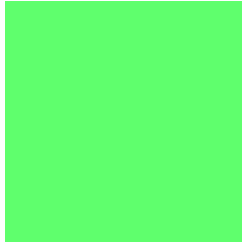
29.2387, 14.1848, 41.5032



2.8662, 1.3889, 4.1428

Previews

White Background



This preview shows how the XYZ color 43.2396, 75.0570, 26.6765 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 43.2396, 75.0570, 26.6765 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

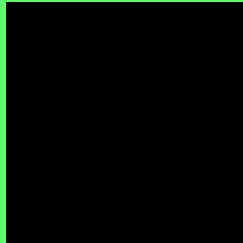
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.2396, 75.0570, 26.6765

Background



This preview shows how black text looks on a background with the XYZ color 43.2396, 75.0570, 26.6765.

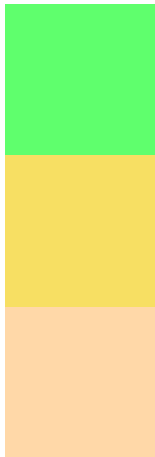


This preview shows how white text looks on a background with the XYZ color 43.2396, 75.0570,

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

43.2396, 75.0570, 26.6765

Protanopia

66.9976, 73.4504, 22.4506

Deuteranopia

72.8637, 73.1989, 47.3343



Tritanopia

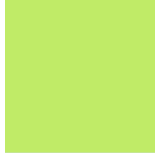
60.6572, 74.5721, 105.8046

Trichromacy



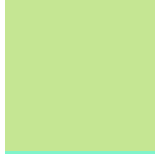
Original Color

43.2396, 75.0570, 26.6765



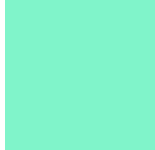
Protanomaly

53.8947, 71.6024, 23.8121



Deuteranomaly

56.5892, 70.5705, 38.2427



Tritanomaly

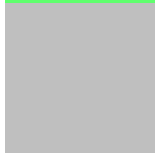
51.9134, 73.5548, 67.3385

Monochromacy



Original Color

43.2396, 75.0570, 26.6765



Achromatopsia

49.5206, 52.0996, 56.7364



Achromatomaly

44.1899, 57.7343, 42.5330

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2396, 75.0570, 26.6765 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(95, 255, 109)` looks like.

```
.text, #text, p{  
    color:rgb(95, 255, 109)  
}
```

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(95, 255, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 255, 109) }
```

Border

The CSS property to change the border of an element to XYZ 43.2396, 75.0570, 26.6765 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(95, 255, 109) }
```


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

```
.border{ border-color:rgb(95, 255, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 255, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 255, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 255, 109);  
box-shadow:4px 4px 4px 4px rgb(95, 255,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2396, 75.0570, 26.6765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 255, 109) }
```

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

```
.background{ background-color: rgb(95, 255,  
109) }
```

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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