

Converting Colors

XYZ(24.6347, 43.4531, 10.6030)

Have a look what the booklet for
XYZ(24.6347, 43.4531, 10.6030)
contains.

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Color

**XYZ(24.5446, 43.2372,
10.5420)**

Conversions

Conversions Part 1

Format	Color
Hex	4FC836
RGB	79, 200, 54
RGB Percent	31%, 78%, 21%
CMY	0.6902, 0.2157, 0.7882
CMYK	0.61, 0.00, 0.73, 0.22
HSL	110°, 57%, 50%
HSV	110°, 73%, 78%
XYZ	24.5446, 43.2372, 10.5420
YIQ	147.1770, -25.2500, -71.0580

Conversions

Conversions Part 2

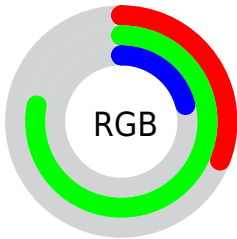
Format	Color
RYB	54, 200, 175
Decimal	5228598
CIELab	71.72, -59.68, 59.40
CIELCh	72, 84.202, 135.138
Yxy	43.2372, 0.3134, 0.5520
Android (android.graphics.Color)	4283418678 (0xFF4FC836)
YUV	147.1770, -45.9363, -59.7912
Hunter-Lab	65.7550, -48.4419, 36.5230

Details

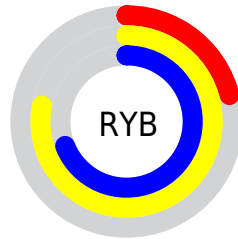
The XYZ color **24.5446, 43.2372, 10.5420** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted green. A complement of this color would be **29.4264, 15.9242, 56.1687**, and the grayscale version is **27.9993, 29.4574, 32.0791**.

A 20% lighter version of the original color is **49.5590, 78.3085, 27.2549**, and **10.1254, 20.2508, 3.3751** is the 20% darker color. If you saturate the color by 10%, you get **22.9573, 42.4638, 8.5001**, and if you desaturate by 10%, it is **26.6708, 44.2687, 13.6186**.

Distribution



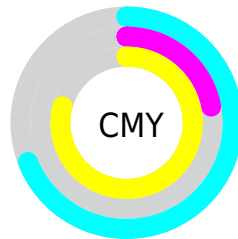
- Red (31%)
- Green (78%)
- Blue (21%)



- Red (21%)
- Yellow (78%)
- Blue (69%)



- Cyan (61%)
- Magenta (0%)
- Yellow (73%)
- Black (22%)





- Cyan (69%)
- Magenta (22%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.5446, 43.2372, 10.5420 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 24.5446, 43.2372, 10.5420 by changing the saturation by 10% instead.


 24.5446, 43.2372,
10.5420


 24.5446, 43.2372,
10.5420


267.9520,
359.5863, 205.1212


 15.8650, 30.0713,
5.6495


 50.3657, 80.0687,
27.4337


 9.5189, 19.8927,
2.5678


 68.2379, 104.5030,
40.2699


 5.1410, 12.3171,
0.8758


 89.9051, 133.4623,
56.5912

 2.3658, 6.9600,
0.0000

 115.7325,
167.3309, 76.8159

 0.8280, 3.4371,
0.0000

 146.0855,
206.4932, 101.3628

 0.0000, 1.3640,
0.0000

181.3296,

 0.0000, 0.1899,

251.3336, 130.6503

0.0000

221.8299,
302.2365, 165.0969

■ 0.0000, 0.0000,
0.0000

■ 24.5446, 43.2372,
10.5420

■ 24.5446, 43.2372,
10.5420

■ 22.9573, 42.4638,
8.5001

■ 26.6708, 44.2687,
13.6186

■ 21.8543, 41.9194,
7.3550

■ 29.3774, 45.5734,
17.8393


■ 21.3228, 41.6545,
6.9163


■ 32.7050, 47.1714,
23.3028


■ 36.6897, 49.0793,
30.0963

■ 41.3648, 51.3127,
38.2992

 46.7613, 53.8859,
47.9848

 52.9083, 56.8125,
59.2210

 59.8332, 60.1051,
72.0719

 67.5621, 63.7760,
86.5977

Harmonies

Analogous

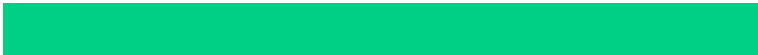
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



34.3346, 43.2372, 4.6590



24.5446, 43.2372, 10.5420



19.8600, 43.2372, 29.6515

Triad

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



24.5446, 43.2372, 10.5420



34.4476, 43.2372, 171.3193



73.7061, 43.2372, 29.3844

Complementary

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



24.5446, 43.2372, 10.5420



29.4264, 15.9242, 56.1687

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.



73.7564, 43.2372, 70.2653



24.5446, 43.2372, 10.5420



48.6907, 43.2372, 171.0883

Square

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



24.5446, 43.2372, 10.5420



24.6108, 43.2372, 127.7034



63.7909, 43.2372, 127.1850



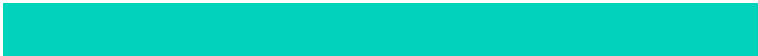
63.6661, 43.2372, 10.4439

Rectangle

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



24.5446, 43.2372, 10.5420



19.3664, 43.2372, 54.4763



63.7909, 43.2372, 127.1850



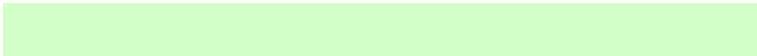
74.9566, 43.2372, 40.3817

Sweetspot

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



24.5456, 43.2390, 10.5430



72.2116, 89.1220, 67.3683



39.4756, 42.5246, 9.6182



14.9486, 18.8334, 13.5196



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.



24.5456, 43.2390, 10.5430



38.4575, 72.8827, 13.3097



24.4886, 43.0195, 19.1300



10.6639, 11.9737, 11.3119



13.6100, 26.5115, 4.3999



0.6983, 1.2831, 0.2109

Inverse Universe

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



29.4264, 15.9242, 56.1687



47.0211, 22.8671, 96.5432



30.9536, 17.2442, 32.1690



10.8981, 10.7212, 13.4125



16.6624, 7.8240, 35.3763



0.8374, 0.3954, 1.6773

Previews

White Background



This preview shows how the XYZ color 24.5446, 43.2372, 10.5420 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 24.5446, 43.2372, 10.5420 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 24.5446, 43.2372, 10.5420

Background



This preview shows how black text looks on a background with the XYZ color 24.5446, 43.2372, 10.5420.



This preview shows how white text looks on a background with the XYZ color 24.5446, 43.2372,

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

24.5446, 43.2372, 10.5420

Protanopia

38.6080, 42.6009, 8.8773

Deuteranopia

43.2646, 42.4294, 11.2196



Tritanopia

34.8614, 43.1199, 62.3627

Trichromacy



Original Color

24.5446, 43.2372, 10.5420



Protanomaly

30.8531, 41.2836, 9.3600



Deuteranomaly

32.7262, 40.4041, 10.6313



Tritanomaly

29.3405, 42.4900, 34.6720

Monochromacy



Original Color

24.5446, 43.2372, 10.5420



Achromatopsia

27.7328, 29.1771, 31.7738



Achromatomaly

24.6429, 32.6023, 20.6168

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5446, 43.2372, 10.5420 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(79, 200, 54)` looks like.

```
.text, #text, p{  
    color:rgb(79, 200, 54)  
}
```

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(79, 200, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 200, 54) }
```

Border

The CSS property to change the border of an element to XYZ 24.5446, 43.2372, 10.5420 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(79, 200, 54) }
```


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

```
.border{ border-color:rgb(79, 200, 54) }
```

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

Here you see how a box with a 4 pixel rgb(79, 200, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 200, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 200, 54);  
box-shadow:4px 4px 4px 4px rgb(79, 200,  
54) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5446, 43.2372, 10.5420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 200, 54) }
```

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

```
.background{ background-color: rgb(79, 200,  
54) }
```

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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