

Converting Colors

XYZ(30.5169, 43.5397, 9.4671)

Have a look what the booklet for
XYZ(30.5169, 43.5397, 9.4671)
contains.

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Color

**XYZ(30.5181, 43.6553,
9.5072)**

Conversions

Conversions Part 1

Format	Color
Hex	8EC02F
RGB	142, 192, 47
RGB Percent	56%, 75%, 18%
CMY	0.4431, 0.2470, 0.8157
CMYK	0.26, 0.00, 0.76, 0.25
HSL	81°, 61%, 47%
HSV	81°, 76%, 75%
XYZ	30.5181, 43.6553, 9.5072
YIQ	160.5200, 16.7450, -55.6950

Conversions

Conversions Part 2

Format	Color
RYB	47, 192, 97
Decimal	9355311
CIELab	72.00, -36.92, 62.99
CIELCh	72, 73.013, 120.374
Yxy	43.6553, 0.3647, 0.5217
Android (android.graphics.Color)	4287545391 (0xFF8EC02F)
YUV	160.5200, -55.9654, -16.2420
Hunter-Lab	66.0722, -33.1788, 37.7192

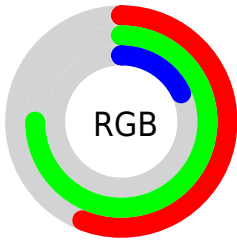
Details

The XYZ color **30.5181, 43.6553, 9.5072** is a dark color, and the websafe version is hex **99CC33**.

The color can be described as dark muted chartreuse. A complement of this color would be **15.4626, 8.3814, 50.6745**, and the grayscale version is **33.9006, 35.6660, 38.8403**.

A 20% lighter version of the original color is **59.9276, 80.8930, 25.5521**, and **12.9262, 20.1554, 3.2091** is the 20% darker color. If you saturate the color by 10%, you get **29.1105, 42.9664, 7.8455**, and if you desaturate by 10%, it is **32.1655, 44.4510, 12.0708**.

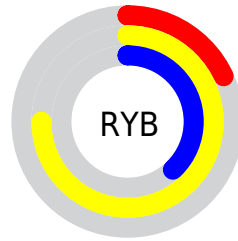
Distribution



Red (56%)

Green (75%)

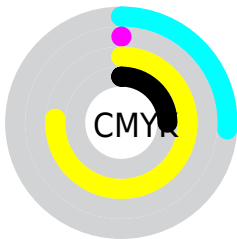
Blue (18%)



Red (18%)

Yellow (75%)

Blue (38%)

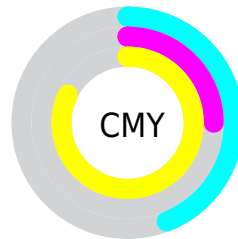


Cyan (26%)

Magenta (0%)

Yellow (76%)

Black (25%)



Cyan (44%)


Magenta (25%)


Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.5181, 43.6553, 9.5072 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 30.5181, 43.6553, 9.5072 by changing the saturation by 10% instead.


 30.5181, 43.6553,
9.5072


 30.5181, 43.6553,
9.5072


296.1787,
361.2998, 197.4731

 20.3822, 30.3996,
4.9722


 59.8616, 80.6988,
25.4575

 12.7830, 20.1421,
2.1725


 79.7999, 105.2554,
37.7099

 7.3553, 12.4984,
0.6584


 103.7363,
134.3478, 53.3718

 3.7336, 7.0841,
0.0000

 132.0363,
168.3603, 72.8618

 1.5525, 3.5147,
0.0000

 165.0652,
207.6774, 96.5983

 0.3612, 1.4060,
0.0000

 203.1883,

 0.0000, 0.2211,

252.6834, 125.0000

0.0000

246.7710,
303.7627, 158.4854

■ 0.0000, 0.0000,
0.0000

■ 30.5181, 43.6553,
9.5072

■ 30.5181, 43.6553,
9.5072

■ 29.1105, 42.9664,
7.8455

■ 32.1655, 44.4510,
12.0708

■ 27.9141, 42.3681,
6.9538

■ 34.0707, 45.3562,
15.6382

■ 27.4237, 42.1208,
6.6847

■ 36.2530, 46.3802,
20.3006

■ 38.7286, 47.5298,
26.1381

■ 41.5125, 48.8110,
33.2234

■ 44.6182, 50.2294,
41.6234

■ 48.0586, 51.7901,
51.4000

■ 51.8458, 53.4982,
62.6115

■ 55.9910, 55.3583,
75.3125

Harmonies

Analogous

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



41.3369, 43.6553, 6.6363



30.5181, 43.6553, 9.5072



23.9549, 43.6553, 21.0399

Triad

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



30.5181, 43.6553, 9.5072



30.7393, 43.6553, 135.6203



70.3624, 43.6553, 47.0868

Complementary

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



30.5181, 43.6553, 9.5072



15.4626, 8.3814, 50.6745

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.



66.0019, 43.6553, 90.1670



30.5181, 43.6553, 9.5072



41.6496, 43.6553, 154.4765

Square

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



30.5181, 43.6553, 9.5072



24.0635, 43.6553, 91.3608



54.8266, 43.6553, 134.7214



65.7891, 43.6553, 20.5926

Rectangle

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



30.5181, 43.6553, 9.5072



22.0687, 43.6553, 36.9567



54.8266, 43.6553, 134.7214



69.8845, 43.6553, 59.9566

Sweetspot

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



30.5191, 43.6572, 9.5081



76.3742, 88.9696, 63.2628



26.3753, 19.6579, 5.0942



15.9664, 18.8952, 12.4704



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



30.5191, 43.6572, 9.5081



51.2024, 77.0803, 12.9635



21.9750, 39.2526, 9.1083



10.5653, 11.5789, 10.7400



18.5386, 28.3859, 4.5019



0.8727, 1.2634, 0.1979

Inverse Universe

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



15.4626, 8.3814, 50.6745



22.8934, 10.2505, 91.1322



26.6456, 14.1465, 51.1979



9.8485, 9.9131, 12.6792



7.9999, 3.3845, 33.7883



0.4204, 0.1848, 1.4634

Previews

White Background



This preview shows how the XYZ color 30.5181, 43.6553, 9.5072 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 30.5181, 43.6553, 9.5072 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 30.5181, 43.6553, 9.5072

Background



This preview shows how black text looks on a background with the XYZ color 30.5181, 43.6553, 9.5072.



This preview shows how white text looks on a background with the XYZ color 30.5181, 43.6553,

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

30.5181, 43.6553, 9.5072

Protanopia

39.2501, 43.2309, 8.5612

Deuteranopia

44.0976, 43.1586, 10.0092



Tritanopia

40.0438, 43.4614, 56.7304

Trichromacy



Original Color

30.5181, 43.6553, 9.5072

Protanomaly

35.5427, 43.1027, 8.8292

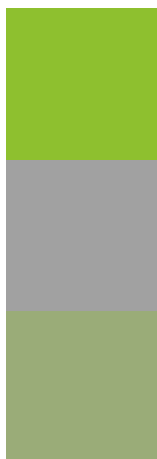
Deuteranomaly

37.9294, 42.5235, 9.6988

Tritanomaly

35.0110, 42.9467, 31.2552

Monochromacy



Original Color

30.5181, 43.6553, 9.5072

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

31.4691, 37.7311, 23.3935

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5181, 43.6553, 9.5072 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(142, 192, 47)` looks like.

```
.text, #text, p{  
    color:rgb(142, 192, 47)  
}
```

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(142, 192, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 192, 47) }
```

Border

The CSS property to change the border of an element to XYZ 30.5181, 43.6553, 9.5072 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(142, 192, 47) }
```


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

```
.border{ border-color:rgb(142, 192, 47) }
```

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

Here you see how a box with a 4 pixel rgb(142, 192, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 192, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 192, 47);  
box-shadow:4px 4px 4px 4px rgb(142, 192,  
47) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5181, 43.6553, 9.5072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 192, 47) }
```

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

```
.background{ background-color: rgb(142,  
192, 47) }
```

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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