

Converting Colors

XYZ(13.5922, 26.5023, 4.3991)

Have a look what the booklet for
XYZ(13.5922, 26.5023, 4.3991)
contains.

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Color

**XYZ(13.5492, 26.4274,
4.3869)**

Conversions

Conversions Part 1

Format	Color
Hex	1BA300
RGB	27, 163, 0
RGB Percent	11%, 64%, 0%
CMY	0.8941, 0.3608, 0.9999
CMYK	0.83, 0.00, 1.00, 0.36
HSL	110°, 100%, 32%
HSV	110°, 100%, 64%
XYZ	13.5492, 26.4274, 4.3869
YIQ	103.7540, -28.7330, -79.5250

Conversions

Conversions Part 2

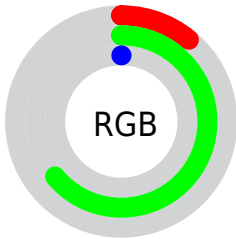
Format	Color
RYB	0, 163, 136
Decimal	1811200
CIELab	58.44, -59.67, 59.78
CIELCh	58, 84.466, 134.947
Yxy	26.4274, 0.3054, 0.5957
Android (android.graphics.Color)	4280001280 (0xFF1BA300)
YUV	103.7540, -51.1507, -67.3133
Hunter-Lab	51.4076, -42.9171, 30.9258

Details

The XYZ color **13.5492, 26.4274, 4.3869** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **16.7675, 7.8805, 35.2891**, and the grayscale version is **13.2312, 13.9203, 15.1592**.

A 20% lighter version of the original color is **31.8680, 53.8976, 14.8546**, and **5.5759, 11.1519, 1.8586** is the 20% darker color. If you saturate the color by 10%, you get **13.5494, 26.4283, 4.3870**, and if you desaturate by 10%, it is **14.0923, 26.6971, 4.9130**.

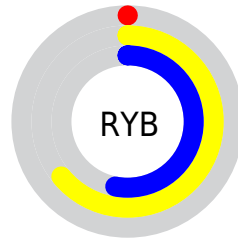
Distribution



Red (11%)

Green (64%)

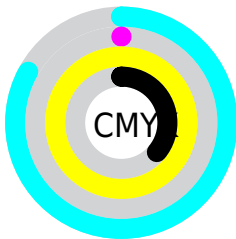
Blue (0%)



Red (0%)

Yellow (64%)

Blue (53%)

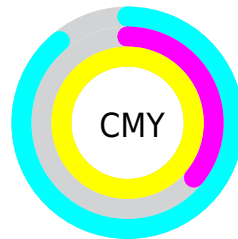


Cyan (83%)

Magenta (0%)

Yellow (100%)

Black (36%)



Cyan (89%)


Magenta (36%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 13.5492, 26.4274, 4.3869 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 13.5492, 26.4274, 4.3869 by changing the saturation by 10% instead.


 13.5492, 26.4274,
4.3869

 13.5492, 26.4274,
4.3869


207.9753,
284.8739, 152.4333


 7.8874, 17.1437,
1.8399


 31.8800, 53.9636,
14.8927


 4.0742, 10.3370,
0.4541


 45.2797, 72.9849,
23.6885

 1.7442, 5.6229,
0.0000

 61.9893, 96.0209,
35.4044

 0.4837, 2.6172,
0.0000

 82.3744, 123.4558,
50.4589

 0.0000, 0.9353,
0.0000

 106.8002,
155.6742, 69.2705

 0.0000, 0.0000,
0.0000

 135.6320,

193.0604, 92.2577

169.2352,
235.9989, 119.8391

13.5492, 26.4274,
4.3869

13.5492, 26.4274,
4.3869

13.5494, 26.4283,
4.3870

14.0923, 26.6971,
4.9130

14.8991, 27.0930,
5.8550

16.0206, 27.6384,
7.3868

17.4864, 28.3470,
9.5838

19.3225, 29.2306,
12.5102

■ 21.5524, 30.3003,
16.2226

■ 24.1976, 31.5660,
20.7721

■ 27.2780, 33.0369,
26.2053

■ 30.8122, 34.7218,
32.5657

Harmonies

Analogous

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



20.3415, 26.4274, 1.3895



13.5492, 26.4274, 4.3869



10.4193, 26.4274, 16.3985

Triad

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



13.5492, 26.4274, 4.3869



20.3107, 26.4274, 125.8899



49.5721, 26.4274, 16.4684

Complementary

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



13.5492, 26.4274, 4.3869



16.7675, 7.8805, 35.2891

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.



49.5571, 26.4274, 46.1952



13.5492, 26.4274, 4.3869



30.5902, 26.4274, 125.9627

Square

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



13.5492, 26.4274, 4.3869



13.5320, 26.4274, 90.4610



41.9000, 26.4274, 90.6206



41.9366, 26.4274, 4.4082

Rectangle

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



13.5492, 26.4274, 4.3869



10.0854, 26.4274, 33.9573



41.9000, 26.4274, 90.6206



50.5178, 26.4274, 24.1486

Sweetspot

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



13.5498, 26.4285, 4.3875



43.0459, 56.3922, 36.6974



23.8864, 25.3497, 3.6345



9.2242, 12.4532, 7.4738



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



13.5498, 26.4285, 4.3875



24.1506, 47.2702, 7.8512



13.7719, 26.4651, 7.9150



7.0898, 7.9488, 7.5407



10.5572, 20.5529, 3.4107



0.2509, 0.4468, 0.0730

Inverse Universe

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



16.7675, 7.8805, 35.2891



29.8818, 14.0369, 63.1906



17.8478, 8.8843, 15.1502



7.2487, 7.1426, 8.8997



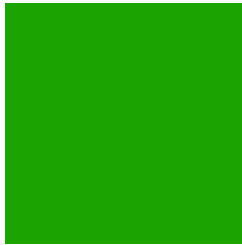
13.0630, 6.1407, 27.4266



0.3032, 0.1439, 0.5776

Previews

White Background



This preview shows how the XYZ color 13.5492, 26.4274, 4.3869 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 13.5492, 26.4274, 4.3869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

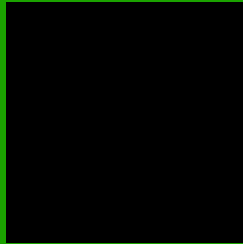
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 13.5492, 26.4274, 4.3869

Background



This preview shows how black text looks on a background with the XYZ color 13.5492, 26.4274, 4.3869.



This preview shows how white text looks on a background with the XYZ color 13.5492, 26.4274,

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

13.5492, 26.4274, 4.3869

Protanopia

23.2827, 25.9243, 3.7768

Deuteranopia

26.2338, 25.7378, 5.1753



Tritanopia

20.6016, 26.5145, 39.1540

Trichromacy



Original Color

13.5492, 26.4274, 4.3869



Protanomaly

17.0203, 24.4948, 3.8309



Deuteranomaly

17.8524, 23.7678, 4.4058



Tritanomaly

16.0180, 25.6172, 17.1971

Monochromacy



Original Color

13.5492, 26.4274, 4.3869



Achromatopsia

13.1579, 13.8432, 15.0752



Achromatomaly

11.2975, 16.5971, 7.7624

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.5492, 26.4274, 4.3869 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(27, 163, 0)` looks like.

```
.text, #text, p{  
    color:rgb(27, 163, 0)  
}
```

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(27, 163, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 163, 0) }
```

Border

The CSS property to change the border of an element to XYZ 13.5492, 26.4274, 4.3869 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(27, 163, 0) }
```


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

```
.border{ border-color:rgb(27, 163, 0) }
```

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

Here you see how a box with a 4 pixel rgb(27, 163, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 163, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 163, 0);  
box-shadow:4px 4px 4px 4px rgb(27, 163, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 13.5492, 26.4274, 4.3869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 163, 0) }
```

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

```
.background{ background-color: rgb(27, 163,  
0) }
```

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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