

Converting Colors

XYZ(14.5503, 27.0069, 5.4055)

Have a look what the booklet for
XYZ(14.5503, 27.0069, 5.4055)
contains.

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Color

**XYZ(14.5026, 26.8973,
5.4046)**

Conversions

Conversions Part 1

Format	Color
Hex	30A31A
RGB	48, 163, 26
RGB Percent	19%, 64%, 10%
CMY	0.8118, 0.3608, 0.8980
CMYK	0.71, 0.00, 0.84, 0.36
HSL	110°, 72%, 37%
HSV	110°, 84%, 64%
XYZ	14.5026, 26.8973, 5.4046
YIQ	112.9970, -24.5630, -66.9870

Conversions

Conversions Part 2

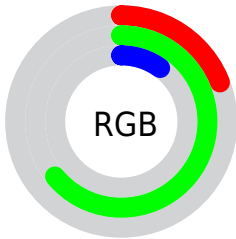
Format	Color
R_{YB}	26, 163, 141
Decimal	3187482
CIE _{Lab}	58.88, -55.57, 55.60
CIE _{LCh}	59, 78.612, 134.986
Yxy	26.8973, 0.3099, 0.5747
Android (android.graphics.Color)	4281377562 (0xFF30A31A)
YUV	112.9970, -42.8895, -57.0024
Hunter-Lab	51.8626, -40.8447, 30.1252

Details

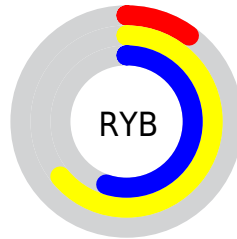
The XYZ color **14.5026, 26.8973, 5.4046** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **17.9666, 9.0470, 35.4510**, and the grayscale version is **15.8245, 16.6486, 18.1303**.

A 20% lighter version of the original color is **33.6138, 54.7479, 17.1833**, and **5.5759, 11.1519, 1.8586** is the 20% darker color. If you saturate the color by 10%, you get **13.8211, 26.5622, 4.6773**, and if you desaturate by 10%, it is **15.4880, 27.3787, 6.6877**.

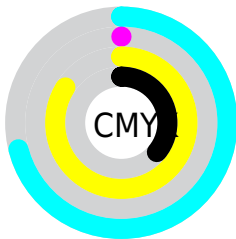
Distribution



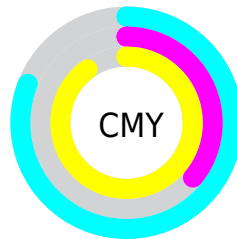
- Red (19%)
- Green (64%)
- Blue (10%)



- Red (10%)
- Yellow (64%)
- Blue (55%)



- Cyan (71%)
- Magenta (0%)
- Yellow (84%)
- Black (36%)





- Cyan (81%)
- Magenta (36%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.5026, 26.8973, 5.4046 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 14.5026, 26.8973, 5.4046 by changing the saturation by 10% instead.


 14.5026, 26.8973,
5.4046


 14.5026, 26.8973,
5.4046


213.7841,
287.1595, 162.7502


 8.5551, 17.4961,
2.4237


 33.5571, 54.7190,
17.1378


 4.5069, 10.5888,
0.7993


 47.3947, 73.9083,
26.7272


 1.9927, 5.7911,
0.0000

 64.5932, 97.1292,
39.3564

 0.6299, 2.7185,
0.0000

 85.5177, 124.7659,
55.4441

 0.0000, 0.9866,
0.0000

 110.5337,
157.2029, 75.4088

 0.0000, 0.0000,
0.0000

 140.0065,

194.8245, 99.6690

174.3016,
238.0153, 128.6433

■ 14.5026, 26.8973,
5.4046

■ 14.5026, 26.8973,
5.4046

■ 13.8211, 26.5622,
4.6773

■ 15.4880, 27.3787,
6.6877

■ 13.5281, 26.4173,
4.3860

■ 16.8075, 28.0179,
8.6066

■ 18.4893, 28.8285,
11.2300

■ 20.5581, 29.8222,
14.6174

■ 23.0365, 31.0094,
18.8218

■ 25.9451, 32.3996,
23.8917

■ 29.3033, 34.0020,
29.8716

■ 33.1292, 35.8248,
36.8032

■ 37.4399, 37.8762,
44.7255

Harmonies

Analogous

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



21.0324, 26.8973, 2.0451



14.5026, 26.8973, 5.4046



11.4342, 26.8973, 17.4989

Triad

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



14.5026, 26.8973, 5.4046



21.0249, 26.8973, 117.3072



48.1886, 26.8973, 17.5163

Complementary

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



14.5026, 26.8973, 5.4046



17.9666, 9.0470, 35.4510

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.



48.1851, 26.8973, 45.4464



14.5026, 26.8973, 5.4046



30.7062, 26.8973, 117.3238

Square

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



14.5026, 26.8973, 5.4046



14.4983, 26.8973, 85.7235



41.1753, 26.8973, 85.7603



41.1839, 26.8973, 5.4104

Rectangle

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



14.5026, 26.8973, 5.4046



11.1058, 26.8973, 34.1871



41.1753, 26.8973, 85.7603



49.0554, 26.8973, 24.8783

Sweetspot

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



14.5032, 26.8984, 5.4052



45.6769, 57.6471, 41.4012



24.6943, 26.6674, 4.8235



9.8562, 12.7549, 8.5937



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.



14.5032, 26.8984, 5.4052



24.1151, 47.2519, 7.8495



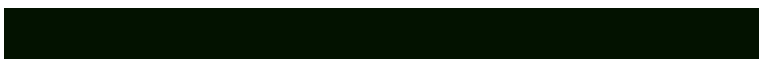
14.6829, 26.8787, 10.4892



7.0866, 7.9471, 7.5405



10.5401, 20.5441, 3.4099



0.2498, 0.4463, 0.0730

Inverse Universe

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



17.9666, 9.0470, 35.4510



30.1239, 14.1618, 63.2019



18.7052, 9.8182, 17.8431



7.2522, 7.1444, 8.8998



13.1659, 6.1938, 27.4314



0.3047, 0.1446, 0.5777

Previews

White Background



This preview shows how the XYZ color 14.5026, 26.8973, 5.4046 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 14.5026, 26.8973, 5.4046 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

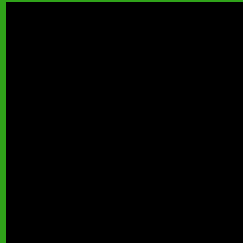
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 14.5026, 26.8973, 5.4046

Background



This preview shows how black text looks on a background with the XYZ color 14.5026, 26.8973, 5.4046.



This preview shows how white text looks on a background with the XYZ color 14.5026, 26.8973,

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

14.5026, 26.8973, 5.4046

Protanopia

23.9492, 26.4712, 4.5090

Deuteranopia

26.8475, 26.4475, 5.8803



Tritanopia

21.3224, 26.8861, 39.1877

Trichromacy



Original Color

14.5026, 26.8973, 5.4046



Protanomaly

18.5000, 25.4748, 4.7011



Deuteranomaly

19.4971, 25.0453, 5.4757



Tritanomaly

17.3800, 26.2570, 20.0717

Monochromacy



Original Color

14.5026, 26.8973, 5.4046



Achromatopsia

15.6958, 16.5132, 17.9829



Achromatomaly

13.7213, 18.9505, 10.7192

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5026, 26.8973, 5.4046 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(48, 163, 26)` looks like.

```
.text, #text, p{  
    color:rgb(48, 163, 26)  
}
```

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(48, 163, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 163, 26) }
```

Border

The CSS property to change the border of an element to XYZ 14.5026, 26.8973, 5.4046 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(48, 163, 26) }
```


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

```
.border{ border-color:rgb(48, 163, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 163, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 163, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 163, 26);  
box-shadow:4px 4px 4px 4px rgb(48, 163,  
26) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5026, 26.8973, 5.4046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 163, 26) }
```

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

```
.background{ background-color: rgb(48, 163,  
26) }
```

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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