

Converting Colors

XYZ(14.3054, 27.0776, 4.7315)

Have a look what the booklet for
XYZ(14.3054, 27.0776, 4.7315)
contains.

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Color

**XYZ(14.3210, 27.0842,
4.7314)**

Conversions

Conversions Part 1

Format	Color
Hex	2BA409
RGB	43, 164, 9
RGB Percent	17%, 64%, 4%
CMY	0.8314, 0.3569, 0.9647
CMYK	0.74, 0.00, 0.95, 0.36
HSL	107°, 90%, 34%
HSV	107°, 95%, 64%
XYZ	14.3210, 27.0842, 4.7314
YIQ	110.1510, -22.3610, -73.8570

Conversions

Conversions Part 2

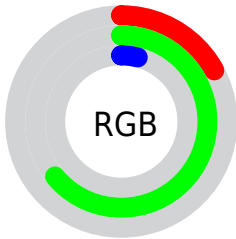
Format	Color
R_{YB}	9, 164, 130
Decimal	2860041
CIE _{Lab}	59.05, -57.44, 59.09
CIE _{LCh}	59, 82.405, 134.190
Yxy	27.0842, 0.3104, 0.5870
Android (android.graphics.Color)	4281050121 (0xFF2BA409)
YUV	110.1510, -49.8674, -58.8914
Hunter-Lab	52.0425, -41.9549, 31.0394

Details

The XYZ color **14.3210, 27.0842, 4.7314** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **16.0075, 7.6233, 35.7511**, and the grayscale version is **15.0088, 15.7905, 17.1958**.

A 20% lighter version of the original color is **33.2044, 54.9594, 15.6957**, and **5.6844, 11.3689, 1.8948** is the 20% darker color. If you saturate the color by 10%, you get **14.0022, 26.9264, 4.4593**, and if you desaturate by 10%, it is **15.0759, 27.4591, 5.4489**.

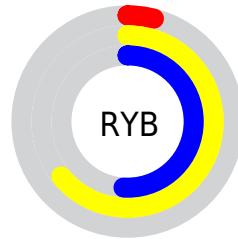
Distribution



Red (17%)

Green (64%)

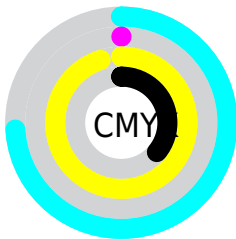
Blue (4%)



Red (4%)

Yellow (64%)

Blue (51%)

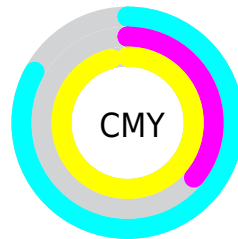


Cyan (74%)

Magenta (0%)

Yellow (95%)

Black (36%)



Cyan (83%)


Magenta (36%)


Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.3210, 27.0842, 4.7314 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 14.3210, 27.0842, 4.7314 by changing the saturation by 10% instead.


 14.3210, 27.0842,
4.7314


 14.3210, 27.0842,
4.7314


212.6896,
288.0646, 156.0377


 8.4275, 17.6365,
2.0346


 33.2390, 55.0190,
15.6643


 4.4238, 10.6893,
0.5764


 46.9943, 74.2748,
24.7374

 1.9446, 5.8583,
0.0000

 64.1007, 97.5687,
36.7730

 0.6025, 2.7591,
0.0000

 84.9239, 125.2852,
52.1897


 0.0000, 1.0073,
0.0000


 109.8289,
157.8087, 71.4059


 0.0000, 0.0000,
0.0000


 139.1814,


195.5234, 94.8403


 173.3465,
238.8139, 122.9114


 14.3210, 27.0842,
4.7314


 14.3210, 27.0842,
4.7314


 14.0022, 26.9264,
4.4593

 15.0759, 27.4591,
5.4489

 16.1171, 27.9688,
6.7222

 17.4739, 28.6273,
8.6363

 19.1711, 29.4459,
11.2609

 21.2308, 30.4346,
14.6565

■ 23.6731, 31.6028,
18.8771

■ 26.5167, 32.9589,
23.9719

■ 29.7789, 34.5109,
29.9864

■ 33.4762, 36.2663,
36.9626

Harmonies

Analogous

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



21.2151, 27.0842, 1.6518



14.3210, 27.0842, 4.7314



11.0748, 27.0842, 16.6497

Triad

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



14.3210, 27.0842, 4.7314



20.7465, 27.0842, 123.6975



49.9123, 27.0842, 17.7228

Complementary

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



14.3210, 27.0842, 4.7314



16.0075, 7.6233, 35.7511

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.



49.6888, 27.0842, 47.6567



14.3210, 27.0842, 4.7314



30.8726, 27.0842, 124.7726

Square

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



14.3210, 27.0842, 4.7314



14.0567, 27.0842, 88.7725



42.0339, 27.0842, 91.1410



42.5815, 27.0842, 5.0718

Rectangle

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



14.3210, 27.0842, 4.7314



10.6854, 27.0842, 33.8012



42.0339, 27.0842, 91.1410



50.7687, 27.0842, 25.5621

Sweetspot

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



14.3216, 27.0853, 4.7320



45.9644, 58.7914, 39.5951



23.0580, 23.3089, 3.5426



9.5925, 12.6353, 7.8418



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.



14.3216, 27.0853, 4.7320



25.2681, 48.7980, 8.0872



13.9720, 26.8434, 7.5016



7.1241, 7.9664, 7.5423



10.7707, 20.6630, 3.4207



0.2629, 0.4530, 0.0736

Inverse Universe

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



16.0075, 7.6233, 35.7511



28.1483, 13.1059, 64.7984



18.9630, 9.5104, 19.4678



7.2117, 7.1235, 8.8979



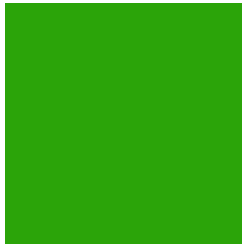
12.0096, 5.5976, 27.3773



0.2881, 0.1360, 0.5769

Previews

White Background



This preview shows how the XYZ color 14.3210, 27.0842, 4.7314 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 14.3210, 27.0842, 4.7314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

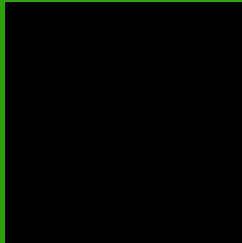
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 14.3210, 27.0842, 4.7314

Background



This preview shows how black text looks on a background with the XYZ color 14.3210, 27.0842, 4.7314.



This preview shows how white text looks on a background with the XYZ color 14.3210, 27.0842,

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

14.3210, 27.0842, 4.7314

Protanopia

23.8230, 26.4207, 3.8441

Deuteranopia

26.9750, 26.5247, 5.3671



Tritanopia

21.2442, 26.8353, 39.6574

Trichromacy



Original Color

14.3210, 27.0842, 4.7314



Protanomaly

18.1000, 25.2834, 4.0124



Deuteranomaly

19.2139, 24.9146, 4.7736



Tritanomaly

16.8420, 26.0179, 18.3216

Monochromacy



Original Color

14.3210, 27.0842, 4.7314



Achromatopsia

14.8208, 15.5926, 16.9804



Achromatomaly

13.0230, 18.4247, 9.1733

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3210, 27.0842, 4.7314 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(43, 164, 9)` looks like.

```
.text, #text, p{  
    color:rgb(43, 164, 9)  
}
```

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(43, 164, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 164, 9) }
```

Border

The CSS property to change the border of an element to XYZ 14.3210, 27.0842, 4.7314 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(43, 164, 9) }
```


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

```
.border{ border-color:rgb(43, 164, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 164, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 164, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 164, 9);  
box-shadow:4px 4px 4px 4px rgb(43, 164, 9)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.3210, 27.0842, 4.7314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 164, 9) }
```

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

```
.background{ background-color: rgb(43, 164,  
9) }
```

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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