

Converting Colors

XYZ(14.3373, 28.1221, 5.2222)

Have a look what the booklet for
XYZ(14.3373, 28.1221, 5.2222)
contains.

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Color

**XYZ(14.3724, 28.1842,
5.2129)**

Conversions

Conversions Part 1

Format	Color
Hex	13A811
RGB	19, 168, 17
RGB Percent	7%, 66%, 7%
CMY	0.9255, 0.3412, 0.9333
CMYK	0.89, 0.00, 0.90, 0.34
HSL	119°, 82%, 36%
HSV	119°, 90%, 66%
XYZ	14.3724, 28.1842, 5.2129
YIQ	106.2350, -40.3330, -78.5490

Conversions

Conversions Part 2

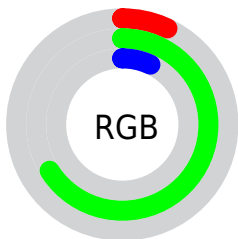
Format	Color
RYB	17, 168, 166
Decimal	1288209
CIELab	60.05, -61.44, 58.51
CIELCh	60, 84.843, 136.402
Yxy	28.1842, 0.3009, 0.5900
Android (android.graphics.Color)	4279478289 (0xFF13A811)
YUV	106.2350, -43.9929, -76.5051
Hunter-Lab	53.0888, -44.5812, 31.3403

Details

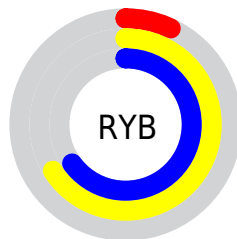
The XYZ color **14.3724, 28.1842, 5.2129** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **22.9972, 11.3368, 38.0234**, and the grayscale version is **13.8902, 14.6135, 15.9141**.

A 20% lighter version of the original color is **33.2492, 56.5431, 16.7509**, and **6.0173, 12.0346, 2.0058** is the 20% darker color. If you saturate the color by 10%, you get **14.0347, 28.0225, 4.6752**, and if you desaturate by 10%, it is **15.0022, 28.4884, 6.2072**.

Distribution



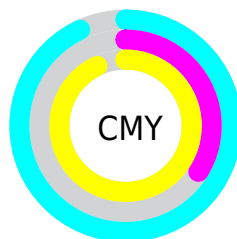
- Red (7%)
- Green (66%)
- Blue (7%)



- Red (7%)
- Yellow (66%)
- Blue (65%)



- Cyan (89%)
- Magenta (0%)
- Yellow (90%)
- Black (34%)





- Cyan (93%)
- Magenta (34%)
- Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.3724, 28.1842, 5.2129 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 14.3724, 28.1842, 5.2129 by changing the saturation by 10% instead.


 14.3724, 28.1842,
5.2129


 14.3724, 28.1842,
5.2129


213.0000,
293.3460, 160.8795


 8.4636, 18.4646,
2.3118


 33.3291, 56.7784,
16.7224


 4.4473, 11.2840,
0.7378


 47.1077, 76.4217,
26.1680

 1.9581, 6.2582,
0.0000


 64.2403, 100.1418,
38.6320

 0.6103, 3.0027,
0.0000

 85.0922, 128.3229,
54.5332

 0.0000, 1.1332,
0.0000

 110.0287,
161.3495, 74.2900

 0.0000, 0.0061,
0.0000

 139.4153,

 0.0000, 0.0000,

199.6059, 98.3209

0.0000

173.6173,
243.4767, 127.0446

■ 14.3724, 28.1842,
5.2129

■ 14.3724, 28.1842,
5.2129

■ 14.0347, 28.0225,
4.6752

■ 15.0022, 28.4884,
6.2072

■ 14.0309, 28.0207,
4.6690

■ 16.0166, 28.9763,
7.8360

■ 17.4644, 29.6723,
10.1820

■ 19.3869, 30.5960,
13.3149

■ 21.8204, 31.7649,
17.2962

■ 24.7979, 33.1948,
22.1814

■ 28.3494, 34.9001,
28.0212

■ 32.5028, 36.8941,
34.8626

■ 37.2843, 39.1895,
42.7494

Harmonies

Analogous

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



21.3338, 28.1842, 1.6748



14.3724, 28.1842, 5.2129



11.2312, 28.1842, 18.7058

Triad

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



14.3724, 28.1842, 5.2129



22.1899, 28.1842, 132.6279



52.1044, 28.1842, 16.7533

Complementary

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



14.3724, 28.1842, 5.2129



22.9972, 11.3368, 38.0234

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.



52.5160, 28.1842, 46.9303



14.3724, 28.1842, 5.2129



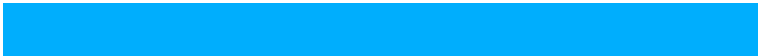
33.1012, 28.1842, 130.6358

Square

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



14.3724, 28.1842, 5.2129



14.8530, 28.1842, 97.1964



44.8504, 28.1842, 92.8175



43.8430, 28.1842, 4.6058

Rectangle

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



14.3724, 28.1842, 5.2129



10.9792, 28.1842, 37.8208



44.8504, 28.1842, 92.8175



53.2292, 28.1842, 24.5132

Sweetspot

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



14.3731, 28.1854, 5.2135



46.4345, 60.9244, 42.6108



29.7934, 35.4518, 5.8034



9.6969, 13.0754, 8.5910



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



14.3731, 28.1854, 5.2135



25.4461, 50.8384, 8.4716



16.0796, 28.8637, 14.3945



7.4456, 8.4123, 8.0206



10.5986, 21.1610, 3.5259



0.2606, 0.5163, 0.0859

Inverse Universe

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



22.9972, 11.3368, 38.0234



41.2653, 19.7915, 68.8703



18.4163, 9.5530, 11.7053



7.8320, 7.6615, 9.4844



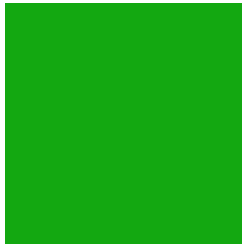
17.1825, 8.2413, 28.6606



0.4210, 0.2020, 0.6975

Previews

White Background



This preview shows how the XYZ color 14.3724, 28.1842, 5.2129 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 14.3724, 28.1842, 5.2129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

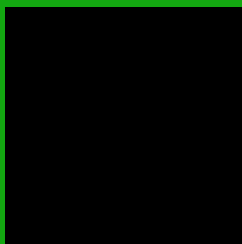
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 14.3724, 28.1842, 5.2129

Background



This preview shows how black text looks on a background with the XYZ color 14.3724, 28.1842, 5.2129.



This preview shows how white text looks on a background with the XYZ color 14.3724, 28.1842,

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

14.3724, 28.1842, 5.2129

Protanopia

24.8845, 27.6323, 4.0794

Deuteranopia

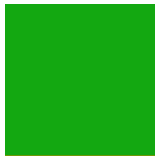
27.9928, 27.4581, 5.7440



Tritanopia

21.7224, 28.0192, 41.7995

Trichromacy



Original Color

14.3724, 28.1842, 5.2129



Protanomaly

17.8600, 26.1128, 4.3000



Deuteranomaly

18.7224, 25.3437, 5.2014



Tritanomaly

17.0763, 27.1134, 20.2530

Monochromacy



Original Color

14.3724, 28.1842, 5.2129



Achromatopsia

13.6994, 14.4128, 15.6956



Achromatomaly

11.9103, 17.6508, 9.2578

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3724, 28.1842, 5.2129 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(19, 168, 17)` looks like.

```
.text, #text, p{  
    color:rgb(19, 168, 17)  
}
```

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(19, 168, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 168, 17) }
```

Border

The CSS property to change the border of an element to XYZ 14.3724, 28.1842, 5.2129 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(19, 168, 17) }
```


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

```
.border{ border-color:rgb(19, 168, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 168, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 168, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 168, 17);  
box-shadow:4px 4px 4px 4px rgb(19, 168,  
17) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3724, 28.1842, 5.2129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 168, 17) }
```

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

```
.background{ background-color: rgb(19, 168,  
17) }
```

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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