

Converting Colors

XYZ(15.1259, 28.8664, 5.9152)

Have a look what the booklet for
XYZ(15.1259, 28.8664, 5.9152)
contains.

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Color

**XYZ(15.1029, 28.8220,
5.9296)**

Conversions

Conversions Part 1

Format	Color
Hex	23A91D
RGB	35, 169, 29
RGB Percent	14%, 66%, 11%
CMY	0.8627, 0.3372, 0.8862
CMYK	0.79, 0.00, 0.83, 0.34
HSL	117°, 71%, 39%
HSV	117°, 83%, 66%
XYZ	15.1029, 28.8220, 5.9296
YIQ	112.9740, -34.9240, -71.9480

Conversions

Conversions Part 2

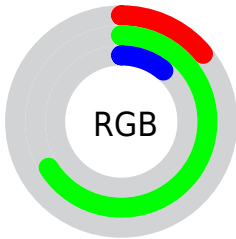
Format	Color
RYB	29, 169, 163
Decimal	2337053
CIELab	60.62, -59.46, 56.30
CIElCh	61, 81.886, 136.562
Yxy	28.8220, 0.3029, 0.5781
Android (android.graphics.Color)	4280527133 (0xFF23A91D)
YUV	112.9740, -41.3992, -68.3832
Hunter-Lab	53.6861, -43.7354, 31.0317

Details

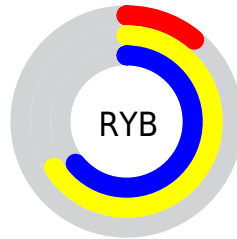
The XYZ color **15.1029, 28.8220, 5.9296** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **22.7075, 11.5313, 38.5666**, and the grayscale version is **15.8155, 16.6392, 18.1201**.

A 20% lighter version of the original color is **34.4712, 57.5418, 18.3067**, and **6.1307, 12.2615, 2.0436** is the 20% darker color. If you saturate the color by 10%, you get **14.5207, 28.5406, 5.0948**, and if you desaturate by 10%, it is **16.0541, 29.2821, 7.3811**.

Distribution



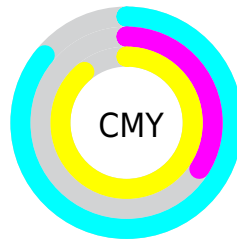
- Red (14%)
- Green (66%)
- Blue (11%)



- Red (11%)
- Yellow (66%)
- Blue (64%)



- Cyan (79%)
- Magenta (0%)
- Yellow (83%)
- Black (34%)





- Cyan (86%)
- Magenta (34%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.1029, 28.8220, 5.9296 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 15.1029, 28.8220, 5.9296 by changing the saturation by 10% instead.


 15.1029, 28.8220,
5.9296


 15.1029, 28.8220,
5.9296


217.3642,
296.3742, 167.7254


 8.9784, 18.9462,
2.7342


 34.6038, 57.7942,
18.2597


 4.7841, 11.6314,
0.9606


 48.7109, 77.6593,
28.2316


 2.1546, 6.4932,
0.0000


 66.2096, 101.6230,
41.2993

 0.7186, 3.1472,
0.0000

 87.4652, 130.0698,
57.8815

 0.0000, 1.2091,
0.0000

 112.8431,
163.3838, 78.3967

 0.0000, 0.0691,
0.0000

 142.7087,

 0.0000, 0.0000,

201.9497, 103.2633

0.0000

177.4273,
246.1516, 132.9001

■ 15.1029, 28.8220,
5.9296

■ 15.1029, 28.8220,
5.9296

■ 14.5207, 28.5406,
5.0948

■ 16.0541, 29.2821,
7.3811

■ 14.2791, 28.4238,
4.7338

■ 17.4195, 29.9397,
9.5353

■ 19.2401, 30.8152,
12.4669

■ 21.5513, 31.9256,
16.2401

■ 24.3850, 33.2860,
20.9129

■ 27.7706, 34.9103,
26.5380

■ 31.7352, 36.8116,
33.1639

■ 36.3039, 39.0018,
40.8359

■ 41.5008, 41.4923,
49.5967

Harmonies

Analogous

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



21.9871, 28.8220, 2.0985



15.1029, 28.8220, 5.9296



11.9713, 28.8220, 19.6807

Triad

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



15.1029, 28.8220, 5.9296



22.9269, 28.8220, 129.2318



51.9338, 28.8220, 17.5139

Complementary

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



15.1029, 28.8220, 5.9296



22.7075, 11.5313, 38.5666

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.



52.3755, 28.8220, 46.9906



15.1029, 28.8220, 5.9296



33.6228, 28.8220, 127.1278

Square

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



15.1029, 28.8220, 5.9296



15.6372, 28.8220, 95.6864



45.0131, 28.8220, 91.0336



43.9281, 28.8220, 5.2193

Rectangle

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



15.1029, 28.8220, 5.9296



11.7286, 28.8220, 38.5345



45.0131, 28.8220, 91.0336



53.0319, 28.8220, 25.1747

Sweetspot

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



15.1036, 28.8232, 5.9302



48.0525, 61.7134, 44.7265



29.5057, 34.3660, 6.2410



10.0244, 13.2355, 9.0023



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.



15.1036, 28.8232, 5.9302



25.5664, 50.8990, 8.5400



16.6275, 29.4112, 14.9270



7.4654, 8.4225, 8.0215



10.6535, 21.1893, 3.5285



0.2682, 0.5202, 0.0863

Inverse Universe

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



22.7075, 11.5313, 38.5666



39.4294, 18.8803, 68.7912



19.4042, 10.3552, 14.6130



7.8097, 7.6500, 9.4833



16.4187, 7.8476, 28.6249



0.4088, 0.1957, 0.6969

Previews

White Background



This preview shows how the XYZ color 15.1029, 28.8220, 5.9296 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 15.1029, 28.8220, 5.9296 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

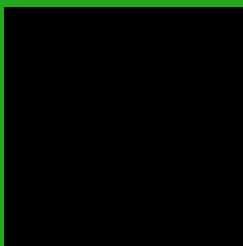
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 15.1029, 28.8220, 5.9296

Background



This preview shows how black text looks on a background with the XYZ color 15.1029, 28.8220, 5.9296.



This preview shows how white text looks on a background with the XYZ color 15.1029, 28.8220,

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

15.1029, 28.8220, 5.9296

Protanopia

25.3843, 28.0992, 4.8964

Deuteranopia

28.8730, 28.3193, 6.5292



Tritanopia

22.3732, 28.5940, 42.3702

Trichromacy



Original Color

15.1029, 28.8220, 5.9296

Protanomaly

18.9335, 26.8944, 5.1129

Deuteranomaly

20.1837, 26.3152, 6.0230

Tritanomaly

18.0612, 27.8458, 21.8756

Monochromacy



Original Color

15.1029, 28.8220, 5.9296

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

13.6568, 19.3155, 10.9911

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1029, 28.8220, 5.9296 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(35, 169, 29)` looks like.

```
.text, #text, p{  
    color:rgb(35, 169, 29)  
}
```

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(35, 169, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 169, 29) }
```

Border

The CSS property to change the border of an element to XYZ 15.1029, 28.8220, 5.9296 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(35, 169, 29) }
```


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

```
.border{ border-color:rgb(35, 169, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 169, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 169, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 169, 29);  
box-shadow:4px 4px 4px 4px rgb(35, 169,  
29) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1029, 28.8220, 5.9296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 169, 29) }
```

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

```
.background{ background-color: rgb(35, 169,  
29) }
```

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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