

Converting Colors

XYZ(29.0916, 53.7164, 9.6034)

Have a look what the booklet for
XYZ(29.0916, 53.7164, 9.6034)
contains.

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Color

**XYZ(29.0901, 53.7563,
9.6019)**

Conversions

Conversions Part 1

Format	Color
Hex	4ADE16
RGB	74, 222, 22
RGB Percent	29%, 87%, 9%
CMY	0.7098, 0.1294, 0.9137
CMYK	0.67, 0.00, 0.90, 0.13
HSL	104°, 82%, 48%
HSV	104°, 90%, 87%
XYZ	29.0901, 53.7563, 9.6019
YIQ	154.9480, -24.0080, -93.5760

Conversions

Conversions Part 2

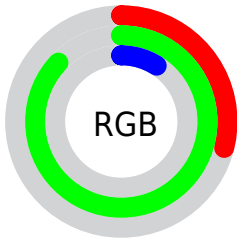
Format	Color
RYB	22, 222, 170
Decimal	4906518
CIELab	78.32, -69.59, 73.60
CIELCh	78, 101.292, 133.398
Yxy	53.7563, 0.3147, 0.5815
Android (android.graphics.Color)	4283096598 (0xFF4ADE16)
YUV	154.9480, -65.5434, -70.9914
Hunter-Lab	73.3187, -57.4856, 43.5584

Details

The XYZ color **29.0901, 53.7563, 9.6019** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **30.0550, 14.3971, 70.3050**, and the grayscale version is **31.4232, 33.0597, 36.0020**.

A 20% lighter version of the original color is **48.6763, 77.9554, 22.6066**, and **13.4551, 26.9103, 4.4850** is the 20% darker color. If you saturate the color by 10%, you get **27.8502, 53.1355, 8.7883**, and if you desaturate by 10%, it is **30.8394, 54.6235, 11.3224**.

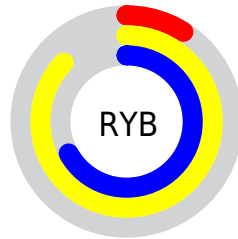
Distribution



Red (29%)

Green (87%)

Blue (9%)



Red (9%)

Yellow (87%)

Blue (67%)

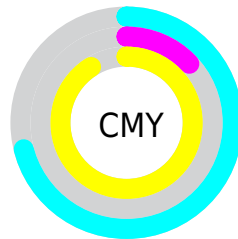


Cyan (67%)

Magenta (0%)

Yellow (90%)

Black (13%)



Cyan (71%)


Magenta (13%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.0901, 53.7563, 9.6019 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 29.0901, 53.7563, 9.6019 by changing the saturation by 10% instead.


 29.0901, 53.7563,
9.6019


 29.0901, 53.7563,
9.6019


289.6264,
401.1800, 198.1871

 19.2936, 38.4069,
5.0337


 57.6168, 95.7163,
25.6400


 11.9879, 26.2986,
2.2080


 77.0777, 123.0957,
37.9469

 6.8076, 17.0472,
0.6790


 100.4908,
155.2539, 53.6705

 3.3873, 10.2681,
0.0000

 128.2214,
192.5752, 73.2293

 1.3617, 5.5771,
0.0000

 160.6349,
235.4441, 97.0418

 0.2287, 2.5897,
0.0000

 198.0967,

 0.0000, 0.9215,

284.2449, 125.5266

0.0000

240.9720,
339.3621, 159.1022

■ 0.0000, 0.0000,
0.0000

■ 29.0901, 53.7563,
9.6019

■ 29.0901, 53.7563,
9.6019

■ 27.8502, 53.1355,
8.7883

■ 30.8394, 54.6235,
11.3224

■ 33.1646, 55.7601,
14.2339

■ 36.1194, 57.1919,
18.5029

■ 39.7496, 58.9395,
24.2681

■ 44.0965, 61.0215,
31.6515

■ 49.1978, 63.4550,
40.7622

■ 55.0886, 66.2558,
51.7000

■ 61.8014, 69.4388,
64.5571

■ 69.3672, 73.0179,
79.4193

Harmonies

Analogous

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



42.7455, 53.7563, 3.5821



29.0901, 53.7563, 9.6019



22.5386, 53.7563, 32.5131

Triad

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



29.0901, 53.7563, 9.6019



40.9405, 53.7563, 238.3580



97.9759, 53.7563, 36.6696

Complementary

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



29.0901, 53.7563, 9.6019



30.0550, 14.3971, 70.3050

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.



97.1254, 53.7563, 95.6727



29.0901, 53.7563, 9.6019



60.4638, 53.7563, 242.4165

Square

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



29.0901, 53.7563, 9.6019



28.0653, 53.7563, 170.4249



82.0807, 53.7563, 179.3938



84.1689, 53.7563, 10.9567

Rectangle

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



29.0901, 53.7563, 9.6019



21.6665, 53.7563, 65.2570



82.0807, 53.7563, 179.3938



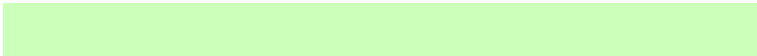
99.4842, 53.7563, 52.2847

Sweetspot

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



29.0913, 53.7586, 9.6031



69.5533, 87.9154, 59.8416



44.3979, 43.8431, 6.8825



14.3245, 18.5496, 11.7781



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



29.0913, 53.7586, 9.6031



38.0258, 72.6881, 12.0260



27.5179, 52.8412, 14.3275



13.8611, 15.5086, 14.5697



16.6303, 31.6058, 5.2240



1.2355, 2.2334, 0.3660

Inverse Universe

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



30.0550, 14.3971, 70.3050



38.9665, 18.0029, 96.0289



38.1841, 19.2133, 42.4290



13.9291, 13.7470, 17.3070



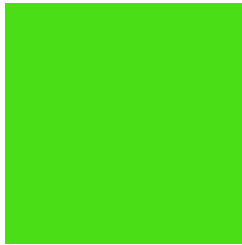
17.0706, 7.8955, 41.6726



1.2654, 0.5896, 2.8924

Previews

White Background



This preview shows how the XYZ color 29.0901, 53.7563, 9.6019 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 29.0901, 53.7563, 9.6019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

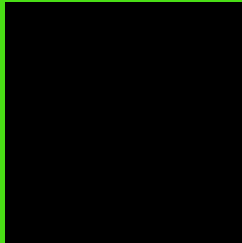
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 29.0901, 53.7563, 9.6019

Background



This preview shows how black text looks on a background with the XYZ color 29.0901, 53.7563, 9.6019.



This preview shows how white text looks on a background with the XYZ color 29.0901, 53.7563,

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

29.0901, 53.7563, 9.6019

Protanopia

47.7072, 52.9004, 7.8112

Deuteranopia

53.6011, 52.3957, 10.4203



Tritanopia

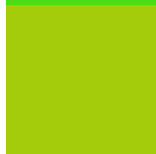
42.4608, 53.1152, 77.8264

Trichromacy



Original Color

29.0901, 53.7563, 9.6019



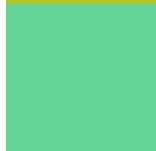
Protanomaly

37.1703, 51.2092, 8.2419



Deuteranomaly

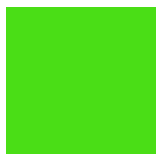
39.1716, 49.7890, 9.5532



Tritanomaly

34.3040, 51.9983, 37.0828

Monochromacy



Original Color

29.0901, 53.7563, 9.6019



Achromatopsia

31.1553, 32.7778, 35.6950



Achromatomaly

27.3781, 37.7374, 19.7510

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0901, 53.7563, 9.6019 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(74, 222, 22)` looks like.

```
.text, #text, p{  
    color:rgb(74, 222, 22)  
}
```

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(74, 222, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 222, 22) }
```

Border

The CSS property to change the border of an element to XYZ 29.0901, 53.7563, 9.6019 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(74, 222, 22) }
```


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

```
.border{ border-color:rgb(74, 222, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 222, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 222, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 222, 22);  
box-shadow:4px 4px 4px 4px rgb(74, 222,  
22) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0901, 53.7563, 9.6019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 222, 22) }
```

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

```
.background{ background-color: rgb(74, 222,  
22) }
```

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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