

Converting Colors

XYZ(29.5143, 35.4029, 14.6234)

Have a look what the booklet for
XYZ(29.5143, 35.4029, 14.6234)
contains.

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Color

**XYZ(29.5265, 35.5268,
14.7523)**

Conversions

Conversions Part 1

Format	Color
Hex	9DA759
RGB	157, 167, 89
RGB Percent	62%, 65%, 35%
CMY	0.3843, 0.3451, 0.6510
CMYK	0.06, 0.00, 0.47, 0.35
HSL	68°, 31%, 50%
HSV	68°, 47%, 65%
XYZ	29.5265, 35.5268, 14.7523
YIQ	155.1180, 19.0780, -26.3780

Conversions

Conversions Part 2

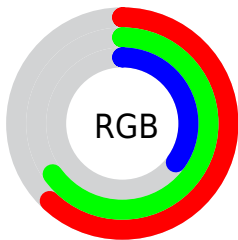
Format	Color
RYB	89, 167, 99
Decimal	10331993
CIELab	66.16, -15.49, 38.93
CIELCh	66, 41.897, 111.701
Yxy	35.5268, 0.3700, 0.4452
Android (android.graphics.Color)	4288522073 (0xFF9DA759)
YUV	155.1180, -32.5962, 1.6505
Hunter-Lab	59.6044, -15.8832, 27.0486

Details

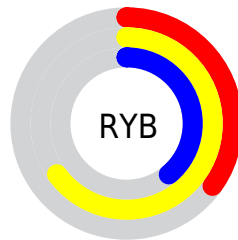
The XYZ color **29.5265, 35.5268, 14.7523** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **15.6943, 12.5883, 38.1639**, and the grayscale version is **31.3426, 32.9749, 35.9097**.

A 20% lighter version of the original color is **58.3696, 68.3118, 35.3084**, and **12.2227, 15.3577, 4.3276** is the 20% darker color. If you saturate the color by 10%, you get **28.4894, 35.0654, 11.4493**, and if you desaturate by 10%, it is **30.7318, 36.0589, 18.8950**.

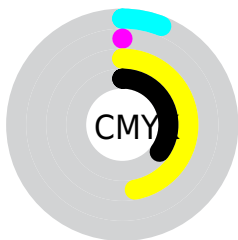
Distribution



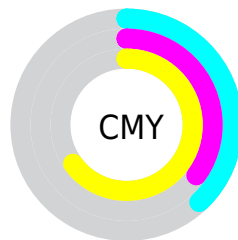
- Red (62%)
- Green (65%)
- Blue (35%)



- Red (35%)
- Yellow (65%)
- Blue (39%)



- Cyan (6%)
- Magenta (0%)
- Yellow (47%)
- Black (35%)





- Cyan (38%)
- Magenta (35%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.5265, 35.5268, 14.7523 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 29.5265, 35.5268, 14.7523 by changing the saturation by 10% instead.


 29.5265, 35.5268,
14.7523


 29.5265, 35.5268,
14.7523


291.6407,
326.8875, 233.4509


 19.6257, 24.0690,
8.5010


 58.3043, 68.3011,
35.1542

 12.2300, 15.3848,
4.3249


 77.9121, 90.3863,
50.1419

 6.9738, 9.0899,
1.8052


 101.4863,
116.7827, 68.8788

 3.4919, 4.7999,
0.4314

 129.3923,
147.8748, 91.7835

 1.4189, 2.1303,
0.0000

161.9953,
184.0470, 119.2746

 0.2696, 0.6816,
0.0000

199.6608,

 0.0000, 0.0000,

225.6835, 151.7705

0.0000

242.7542,
273.1689, 189.6897

■ 29.5265, 35.5268,
14.7523

■ 29.5265, 35.5268,
14.7523

■ 28.4894, 35.0654,
11.4493

■ 30.7318, 36.0589,
18.8950

■ 27.6069, 34.6653,
8.9265

■ 32.1126, 36.6608,
23.9272

■ 26.8676, 34.3235,
7.1199


■ 33.6789, 37.3377,
29.8975


■ 26.2573, 34.0340,
5.9545


■ 35.4391, 38.0930,
36.8503


■ 25.7553, 33.7887,
5.3224


■ 37.4012, 38.9300,
44.8271

 25.5998, 33.7120,
5.1578

 39.5726, 39.8516,
53.8671

 41.9604, 40.8606,
64.0074

 44.5715, 41.9597,
75.2834

 47.4121, 43.1516,
87.7287

Harmonies

Analogous

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



35.5268, 35.5268, 13.6886



29.5265, 35.5268, 14.7523



25.2076, 35.5268, 21.0709

Triad

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



29.5265, 35.5268, 14.7523



26.8705, 35.5268, 72.3570



47.0695, 35.5268, 43.8514

Complementary

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



29.5265, 35.5268, 14.7523



15.6943, 12.5883, 38.1639

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.



44.0734, 35.5268, 64.0937



29.5265, 35.5268, 14.7523



32.0666, 35.5268, 83.5588

Square

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



29.5265, 35.5268, 14.7523



23.8107, 35.5268, 52.8135



38.3956, 35.5268, 80.1418



46.1719, 35.5268, 27.3281

Rectangle

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



29.5265, 35.5268, 14.7523



23.6184, 35.5268, 28.8755



38.3956, 35.5268, 80.1418



46.4723, 35.5268, 50.4915

Sweetspot

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



29.5274, 35.5284, 14.7530



61.0539, 67.1842, 56.4304



22.1178, 17.6918, 11.7008



13.5216, 14.9739, 12.0773



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.



29.5274, 35.5284, 14.7530



50.9672, 62.7726, 20.3449



23.2172, 32.2754, 14.4577



8.0508, 8.7243, 8.0489



19.6169, 25.8101, 3.9479



0.5027, 0.6411, 0.0972

Inverse Universe

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



15.6943, 12.5883, 38.1639



23.1653, 16.6235, 67.4630



20.8815, 15.2624, 38.4067



7.2179, 7.3450, 9.4556



5.6053, 2.2731, 28.1188



0.1626, 0.0688, 0.6854

Previews

White Background



This preview shows how the XYZ color 29.5265, 35.5268, 14.7523 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 29.5265, 35.5268, 14.7523 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 29.5265, 35.5268, 14.7523

Background



This preview shows how black text looks on a background with the XYZ color 29.5265, 35.5268, 14.7523.



This preview shows how white text looks on a background with the XYZ color 29.5265, 35.5268,

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

29.5265, 35.5268, 14.7523

Protanopia

32.5966, 35.5250, 14.1558

Deuteranopia

36.0879, 35.2909, 15.0350



Tritanopia

35.2084, 35.4630, 43.0196

Trichromacy



Original Color

29.5265, 35.5268, 14.7523

Protanomaly

31.4362, 35.4450, 14.4172

Deuteranomaly

33.4066, 35.1541, 14.9222

Tritanomaly

32.6568, 35.1994, 30.2723

Monochromacy



Original Color

29.5265, 35.5268, 14.7523

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

30.2052, 33.5029, 26.3475

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.5265, 35.5268, 14.7523 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(157, 167, 89)` looks like.

```
.text, #text, p{  
    color:rgb(157, 167, 89)  
}
```

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(157, 167, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 167, 89) }
```

Border

The CSS property to change the border of an element to XYZ 29.5265, 35.5268, 14.7523 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(157, 167, 89) }
```


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

```
.border{ border-color:rgb(157, 167, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 167, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 167, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 167, 89);  
box-shadow:4px 4px 4px 4px rgb(157, 167,  
89) }
```

Background

The CSS property to change the background color of an element to XYZ 29.5265, 35.5268, 14.7523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 167, 89) }
```

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

```
.background{ background-color: rgb(157,  
167, 89) }
```

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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