

Converting Colors

XYZ(14.5765, 26.6404, 9.9252)

Have a look what the booklet for
XYZ(14.5765, 26.6404, 9.9252)
contains.

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Color

**XYZ(14.5596, 26.5616,
9.9898)**

Conversions

Conversions Part 1

Format	Color
Hex	1FA245
RGB	31, 162, 69
RGB Percent	12%, 64%, 27%
CMY	0.8784, 0.3647, 0.7294
CMYK	0.81, 0.00, 0.57, 0.36
HSL	137°, 68%, 38%
HSV	137°, 81%, 64%
XYZ	14.5596, 26.5616, 9.9898
YIQ	112.2290, -48.2230, -56.6950

Conversions

Conversions Part 2

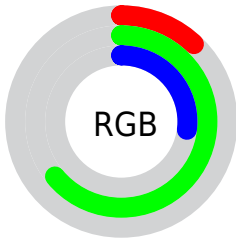
Format	Color
R_{YB}	31, 133, 162
Decimal	2073157
CIE _{Lab}	58.57, -53.88, 38.36
CIE _{LCh}	59, 66.136, 144.550
Yxy	26.5616, 0.2849, 0.5197
Android (android.graphics.Color)	4280263237 (0xFF1FA245)
YUV	112.2290, -21.3119, -71.2378
Hunter-Lab	51.5379, -39.7647, 24.5842

Details

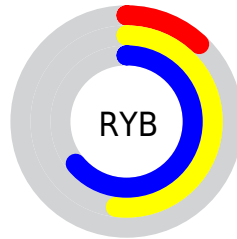
The XYZ color **14.5596, 26.5616, 9.9898** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **19.0292, 10.1171, 20.0196**, and the grayscale version is **15.5399, 16.3492, 17.8043**.

A 20% lighter version of the original color is **33.7171, 54.2082, 26.4555**, and **5.5778, 10.9810, 2.3978** is the 20% darker color. If you saturate the color by 10%, you get **13.8657, 26.2420, 8.2713**, and if you desaturate by 10%, it is **15.5692, 27.0375, 12.0856**.

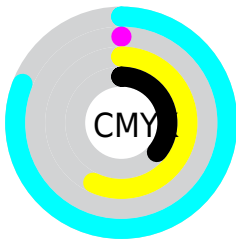
Distribution



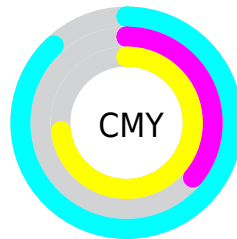
- Red (12%)
- Green (64%)
- Blue (27%)



- Red (12%)
- Yellow (52%)
- Blue (64%)



- Cyan (81%)
- Magenta (0%)
- Yellow (57%)
- Black (36%)



- Cyan (88%)
- Magenta (36%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5596, 26.5616, 9.9898 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 14.5596, 26.5616, 9.9898 by changing the saturation by 10% instead.

■ 14.5596, 26.5616,
9.9898

■ 14.5596, 26.5616,
9.9898

214.1265,
285.5282, 201.0814

■ 8.5952, 17.2442,
5.2867

■ 33.6568, 54.1796,
26.3838

■ 4.5331, 10.4088,
2.3548

■ 47.5202, 73.2490,
38.9118

■ 2.0079, 5.6708,
0.7617

■ 64.7474, 96.3379,
54.8852

■ 0.6384, 2.6460,
0.0000

■ 85.7036, 123.8306,
74.7224

■ 0.0000, 0.9498,
0.0000

■ 110.7543,
156.1116, 98.8422

■ 0.0000, 0.0000,
0.0000

■ 140.2648,

193.5653, 127.6629

174.6004,
236.5760, 161.6031

■ 14.5596, 26.5616,
9.9898

■ 14.5596, 26.5616,
9.9898

■ 13.8657, 26.2420,
8.2713

■ 15.5692, 27.0375,
12.0856

■ 13.4338, 26.0468,
7.0081

■ 16.9286, 27.6845,
14.5777

■ 18.6694, 28.5194,
17.4863

■ 20.8190, 29.5558,
20.8293

■ 23.4022, 30.8062,
24.6236

■ 26.4418, 32.2819,
28.8855

■ 29.9589, 33.9937,
33.6300

■ 33.9733, 35.9513,
38.8719

■ 38.5037, 38.1642,
44.6249

Harmonies

Analogous

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



19.3086, 26.5616, 4.3566



14.5596, 26.5616, 9.9898



12.6928, 26.5616, 24.8859

Triad

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



14.5596, 26.5616, 9.9898



23.7946, 26.5616, 99.9897



42.2405, 26.5616, 14.0577

Complementary

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



14.5596, 26.5616, 9.9898



19.0292, 10.1171, 20.0196

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.



44.1551, 26.5616, 33.3704



14.5596, 26.5616, 9.9898



32.2907, 26.5616, 91.4788

Square

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



14.5596, 26.5616, 9.9898



17.2429, 26.5616, 82.6455



40.1886, 26.5616, 63.2995



35.4065, 26.5616, 5.6702

Rectangle

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



14.5596, 26.5616, 9.9898



12.9662, 26.5616, 41.6458



40.1886, 26.5616, 63.2995



43.5347, 26.5616, 19.0947

Sweetspot

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



14.5602, 26.5627, 9.9904



45.9204, 57.5924, 49.5574



21.6090, 30.2920, 6.0046



9.8936, 12.7311, 10.5407



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.



14.5602, 26.5627, 9.9904



24.5160, 47.3453, 12.9856



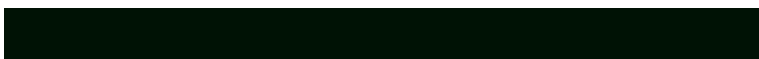
17.7626, 27.8436, 26.8535



7.0661, 7.9273, 7.9600



10.5998, 20.5263, 5.6091



0.2423, 0.4391, 0.2207

Inverse Universe

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



19.0292, 10.1171, 20.0196



32.7950, 16.3531, 31.1756



16.1904, 8.9816, 5.0707



7.2763, 7.1670, 8.4415



14.1964, 7.0346, 13.4909



0.3172, 0.1554, 0.3830

Previews

White Background



This preview shows how the XYZ color 14.5596, 26.5616, 9.9898 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 14.5596, 26.5616, 9.9898 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 14.5596, 26.5616, 9.9898

Background



This preview shows how black text looks on a background with the XYZ color 14.5596, 26.5616, 9.9898.



This preview shows how white text looks on a background with the XYZ color 14.5596, 26.5616,

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

14.5596, 26.5616, 9.9898

Protanopia

23.7652, 26.0725, 8.3374

Deuteranopia

26.5217, 25.9688, 10.6358



Tritanopia

20.3833, 26.4020, 39.1437

Trichromacy



Original Color

14.5596, 26.5616, 9.9898



Protanomaly

17.9744, 24.8765, 8.8553



Deuteranomaly

18.9550, 24.4340, 10.1958



Tritanomaly

17.4265, 26.1741, 24.9025

Monochromacy



Original Color

14.5596, 26.5616, 9.9898



Achromatopsia

15.4009, 16.2029, 17.6450



Achromatomaly

13.6612, 18.6488, 13.9459

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5596, 26.5616, 9.9898 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(31, 162, 69)` looks like.

```
.text, #text, p{  
    color:rgb(31, 162, 69)  
}
```

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(31, 162, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 162, 69) }
```

Border

The CSS property to change the border of an element to XYZ 14.5596, 26.5616, 9.9898 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(31, 162, 69) }
```


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

```
.border{ border-color:rgb(31, 162, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 162, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 162, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 162, 69);  
box-shadow:4px 4px 4px 4px rgb(31, 162,  
69) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5596, 26.5616, 9.9898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 162, 69) }
```

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

```
.background{ background-color: rgb(31, 162,  
69) }
```

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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