

Converting Colors

XYZ(26.5147, 29.6896, 16.9040)

Have a look what the booklet for
XYZ(26.5147, 29.6896, 16.9040)
contains.

XYZ(26.4415, 29.5443, 16.8794)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.4415, 29.5443,
16.8794)**

Conversions

Conversions Part 1

Format	Color
Hex	999666
RGB	153, 150, 102
RGB Percent	60%, 59%, 40%
CMY	0.4000, 0.4117, 0.6000
CMYK	0.00, 0.02, 0.33, 0.40
HSL	56°, 20%, 50%
HSV	56°, 33%, 60%
XYZ	26.4415, 29.5443, 16.8794
YIQ	145.4250, 17.1960, -14.2920

Conversions

Conversions Part 2

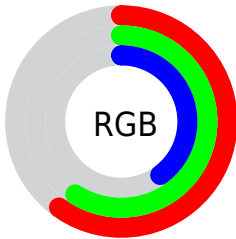
Format	Color
RYB	105, 153, 102
Decimal	10065510
CIELab	61.26, -6.61, 25.77
CIELCh	61, 26.601, 104.391
Yxy	29.5443, 0.3629, 0.4055
Android (android.graphics.Color)	4288255590 (0xFF999666)
YUV	145.4250, -21.4085, 6.6433
Hunter-Lab	54.3547, -8.2871, 19.6362

Details

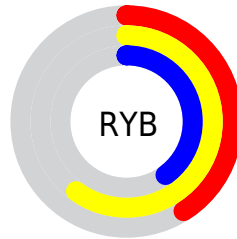
The XYZ color **26.4415, 29.5443, 16.8794** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **16.2808, 15.2275, 32.2182**, and the grayscale version is **27.1669, 28.5817, 31.1254**.

A 20% lighter version of the original color is **53.3551, 58.8955, 38.6929**, and **10.4945, 11.9567, 5.2448** is the 20% darker color. If you saturate the color by 10%, you get **25.6091, 28.9838, 13.1977**, and if you desaturate by 10%, it is **27.4165, 30.1658, 21.3003**.

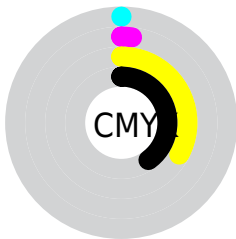
Distribution



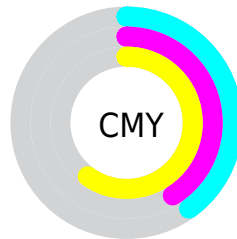
- Red (60%)
- Green (59%)
- Blue (40%)



- Red (41%)
- Yellow (60%)
- Blue (40%)



- Cyan (0%)
- Magenta (2%)
- Yellow (33%)
- Black (40%)



- Cyan (40%)
- Magenta (41%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4415, 29.5443, 16.8794 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 26.4415, 29.5443, 16.8794 by changing the saturation by 10% instead.

■ 26.4415, 29.5443,
16.8794

■ 26.4415, 29.5443,
16.8794

277.1598,
299.7745, 246.4968

■ 17.2886, 19.4930,
9.9875

■ 53.4126, 58.9408,
38.9061

■ 10.5371, 12.0270,
5.2852

■ 71.9615, 79.0547,
54.8780

■ 5.8215, 6.7621,
2.3539

■ 94.3732, 103.2916,
74.7136

■ 2.7764, 3.3138,
0.7612

■ 121.0129,
132.0358, 98.8315

■ 1.0367, 1.2976,
0.0000

152.2461,
165.6719, 127.6503

■ 0.0000, 0.1394,
0.0000

188.4381,

■ 0.0000, 0.0000,

204.5841, 161.5884

0.0000

229.9542,
249.1568, 201.0644

■ 26.4415, 29.5443,
16.8794

■ 26.4415, 29.5443,
16.8794

■ 25.6091, 28.9838,
13.1977

■ 27.4165, 30.1658,
21.3003

■ 24.9095, 28.4770,
10.2128

■ 28.5392, 30.8470,
26.4962

■ 24.3348, 28.0220,
7.8806

■ 29.8167, 31.5919,
32.5025

■ 23.8757, 27.6150,
6.1516

■ 31.2555, 32.4031,
39.3522

■ 23.5213, 27.2516,
4.9687

■ 32.8613, 33.2829,
47.0764

■ 23.2588, 26.9267,
4.2645

■ 34.6398, 34.2336,
55.7043

■ 23.1119, 26.7223,
3.9398

■ 36.5964, 35.2573,
65.2642

■ 38.7360, 36.3560,
75.7828

■ 41.0637, 37.5316,
87.2860

Harmonies

Analogous

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



29.9308, 29.5443, 16.9485



26.4415, 29.5443, 16.8794



23.6317, 29.5443, 20.2689

Triad

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



26.4415, 29.5443, 16.8794



23.5416, 29.5443, 47.6216



35.0734, 29.5443, 37.6380

Complementary

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



26.4415, 29.5443, 16.8794



16.2808, 15.2275, 32.2182

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.



33.0564, 29.5443, 47.9989



26.4415, 29.5443, 16.8794



26.3089, 29.5443, 54.5288

Square

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



26.4415, 29.5443, 16.8794



22.0542, 29.5443, 37.2002



29.7868, 29.5443, 54.6798



35.1164, 29.5443, 27.6127

Rectangle

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



26.4415, 29.5443, 16.8794



22.4394, 29.5443, 24.5371



29.7868, 29.5443, 54.6798



34.5968, 29.5443, 41.2384

Sweetspot

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



26.4422, 29.5456, 16.8800



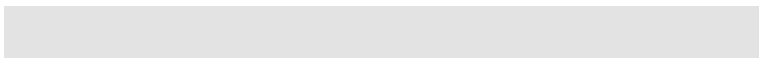
51.7971, 55.6490, 50.6645



20.4589, 17.3036, 15.7347



11.3744, 12.2508, 10.8929



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



26.4422, 29.5456, 16.8800



46.2190, 52.1527, 25.1905



23.1343, 28.5592, 16.8640



6.6778, 7.1607, 6.6360



19.1101, 22.1025, 3.2590



0.2938, 0.3466, 0.0514

Inverse Universe

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



16.2808, 15.2275, 32.2182



25.1611, 22.4838, 56.9856



18.8281, 16.0956, 32.2515



5.9122, 6.0817, 7.7913



4.8415, 2.0797, 25.0539



0.0792, 0.0447, 0.3768

Previews

White Background



This preview shows how the XYZ color 26.4415, 29.5443, 16.8794 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 26.4415, 29.5443, 16.8794 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

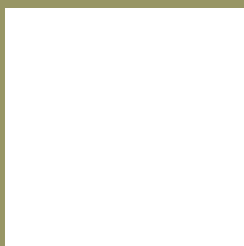
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.4415, 29.5443, 16.8794

Background



This preview shows how black text looks on a background with the XYZ color 26.4415, 29.5443, 16.8794.



This preview shows how white text looks on a background with the XYZ color 26.4415, 29.5443,

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

26.4415, 29.5443, 16.8794

Protanopia

27.4361, 29.5930, 16.5779

Deuteranopia

30.0762, 29.5756, 17.2202



Tritanopia

30.0369, 29.3824, 35.0986

Trichromacy



Original Color

26.4415, 29.5443, 16.8794

Protanomaly

27.0010, 29.6026, 16.6027

Deuteranomaly

28.7220, 29.5549, 17.0228

Tritanomaly

28.6274, 29.5034, 27.4785

Monochromacy



Original Color

26.4415, 29.5443, 16.8794

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.6089, 28.7483, 24.9154

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4415, 29.5443, 16.8794 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(153, 150, 102)` looks like.

```
.text, #text, p{  
    color:rgb(153, 150, 102)  
}
```

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(153, 150, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 150, 102) }
```

Border

The CSS property to change the border of an element to XYZ 26.4415, 29.5443, 16.8794 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(153, 150, 102) }
```


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

```
.border{ border-color:rgb(153, 150, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 150, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 150, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 150, 102);  
box-shadow:4px 4px 4px 4px rgb(153, 150,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4415, 29.5443, 16.8794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 150, 102) }
```

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

```
.background{ background-color: rgb(153,  
150, 102) }
```

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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