

Converting Colors

XYZ(26.5023, 33.2418, 14.8418)

Have a look what the booklet for
XYZ(26.5023, 33.2418, 14.8418)
contains.

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Color

**XYZ(26.4915, 33.1459,
14.8991)**

Conversions

Conversions Part 1

Format	Color
Hex	8FA45B
RGB	143, 164, 91
RGB Percent	56%, 64%, 36%
CMY	0.4392, 0.3568, 0.6431
CMYK	0.13, 0.00, 0.45, 0.36
HSL	77°, 29%, 50%
HSV	77°, 45%, 64%
XYZ	26.4915, 33.1459, 14.8991
YIQ	149.3990, 10.9170, -27.1550

Conversions

Conversions Part 2

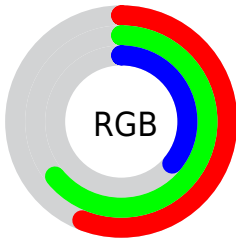
Format	Color
R_{YB}	91, 164, 112
Decimal	9413723
CIE _{Lab}	64.28, -19.42, 35.35
CIE _{LCh}	64, 40.334, 118.785
Yxy	33.1459, 0.3554, 0.4447
Android (android.graphics.Color)	4287603803 (0xFF8FA45B)
YUV	149.3990, -28.7907, -5.6119
Hunter-Lab	57.5725, -18.6165, 24.9572

Details

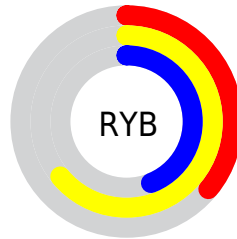
The XYZ color **26.4915, 33.1459, 14.8991** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.1253, 13.6082, 36.8479**, and the grayscale version is **28.8504, 30.3529, 33.0543**.

A 20% lighter version of the original color is **53.5027, 64.6218, 35.2445**, and **10.5446, 13.9869, 4.4295** is the 20% darker color. If you saturate the color by 10%, you get **25.0604, 32.4822, 11.5342**, and if you desaturate by 10%, it is **28.1132, 33.8921, 19.0813**.

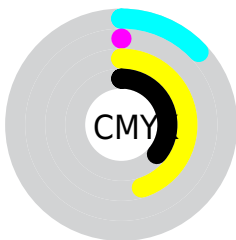
Distribution



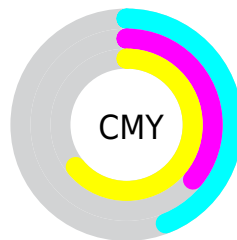
- Red (56%)
- Green (64%)
- Blue (36%)



- Red (36%)
- Yellow (64%)
- Blue (44%)



- Cyan (13%)
- Magenta (0%)
- Yellow (45%)
- Black (36%)



- Cyan (44%)
- Magenta (36%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4915, 33.1459, 14.8991 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 26.4915, 33.1459, 14.8991 by changing the saturation by 10% instead.

■ 26.4915, 33.1459,
14.8991

■ 26.4915, 33.1459,
14.8991

277.3992,
316.3067, 234.3744

■ 17.3263, 22.2382,
8.6028

■ 53.4925, 64.6032,
35.4159

■ 10.5642, 14.0321,
4.3897

■ 72.0590, 85.9217,
50.4734

■ 5.8397, 8.1430,
1.8415

■ 94.4899, 111.4793,
69.2884

■ 2.7876, 4.1866,
0.4551

■ 121.1507,
141.6602, 92.2794

■ 1.0425, 1.7785,
0.0000

152.4067,
176.8491, 119.8650

■ 0.0000, 0.4737,
0.0000

188.6232,

■ 0.0000, 0.0000,

217.4302, 152.4636

0.0000

230.1656,
263.7879, 190.4939

■ 26.4915, 33.1459,
14.8991

■ 26.4915, 33.1459,
14.8991

■ 25.0604, 32.4822,
11.5342

■ 28.1132, 33.8921,
19.0813

■ 23.8070, 31.8924,
8.9310

■ 29.9328, 34.7203,
24.1276

■ 22.7201, 31.3730,
7.0300


■ 31.9599, 35.6356,
30.0835


■ 21.7863, 30.9187,
5.7622


■ 34.2031, 36.6414,
36.9910


■ 20.9892, 30.5229,
5.0437


■ 36.6700, 37.7409,
44.8893

 20.5878, 30.3216,
4.7676

 39.3681, 38.9371,
53.8154

 42.3045, 40.2328,
63.8044

 45.4859, 41.6308,
74.8898

 48.9187, 43.1337,
87.1037

Harmonies

Analogous

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



31.7383, 33.1459, 12.8439



26.4915, 33.1459, 14.8991



22.9904, 33.1459, 22.0841

Triad

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



26.4915, 33.1459, 14.8991



26.1328, 33.1459, 70.3572



43.8519, 33.1459, 36.7632

Complementary

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



26.4915, 33.1459, 14.8991



17.1253, 13.6082, 36.8479

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.



41.8965, 33.1459, 55.0352



26.4915, 33.1459, 14.8991



31.2712, 33.1459, 77.7168

Square

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



26.4915, 33.1459, 14.8991



22.8016, 33.1459, 53.5146



37.1124, 33.1459, 71.4062



42.1795, 33.1459, 22.9297

Rectangle

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



26.4915, 33.1459, 14.8991



21.8863, 33.1459, 30.2952



37.1124, 33.1459, 71.4062



43.5932, 33.1459, 42.5808

Sweetspot

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



26.4923, 33.1474, 14.8998



58.5037, 64.9035, 56.0961



22.9587, 20.1675, 12.5807



12.6108, 14.1085, 11.7234



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.



26.4923, 33.1474, 14.8998



45.6124, 59.0164, 21.2156



21.2063, 30.4223, 14.6524



7.4499, 8.1344, 7.5575



15.8335, 23.2730, 3.6576



0.3757, 0.5112, 0.0789

Inverse Universe

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



17.1253, 13.6082, 36.8479



26.5115, 19.1235, 66.0462



22.6891, 16.4764, 37.1083



6.8830, 6.9541, 8.8826



6.0854, 2.5436, 27.1000



0.1722, 0.0763, 0.5715

Previews

White Background



This preview shows how the XYZ color 26.4915, 33.1459, 14.8991 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 26.4915, 33.1459, 14.8991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

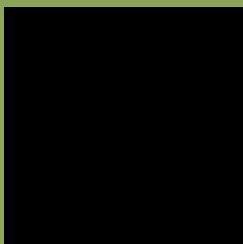
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

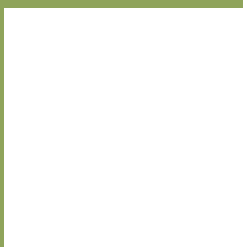
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.4915, 33.1459, 14.8991

Background



This preview shows how black text looks on a background with the XYZ color 26.4915, 33.1459, 14.8991.



This preview shows how white text looks on a background with the XYZ color 26.4915, 33.1459,

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

26.4915, 33.1459, 14.8991

Protanopia

30.4445, 33.1394, 14.0245

Deuteranopia

33.3945, 32.6974, 15.3776



Tritanopia

31.8333, 33.0050, 41.2520

Trichromacy



Original Color

26.4915, 33.1459, 14.8991

Protanomaly

28.8993, 33.0946, 14.3159

Deuteranomaly

30.5892, 32.6900, 15.2873

Tritanomaly

29.2815, 32.7074, 29.1959

Monochromacy



Original Color

26.4915, 33.1459, 14.8991

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

27.4845, 30.8728, 24.9325

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4915, 33.1459, 14.8991 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(143, 164, 91)` looks like.

```
.text, #text, p{  
    color:rgb(143, 164, 91)  
}
```

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(143, 164, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 164, 91) }
```

Border

The CSS property to change the border of an element to XYZ 26.4915, 33.1459, 14.8991 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(143, 164, 91) }
```


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

```
.border{ border-color:rgb(143, 164, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 164, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 164, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 164, 91);  
box-shadow:4px 4px 4px 4px rgb(143, 164,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4915, 33.1459, 14.8991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 164, 91) }
```

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

```
.background{ background-color: rgb(143,  
164, 91) }
```

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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