

Converting Colors

XYZ(26.3122, 33.8444, 12.2150)

Have a look what the booklet for
XYZ(26.3122, 33.8444, 12.2150)
contains.

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Color

**XYZ(26.3136, 33.9240,
12.1823)**

Conversions

Conversions Part 1

Format	Color
Hex	8EA74D
RGB	142, 167, 77
RGB Percent	56%, 65%, 30%
CMY	0.4431, 0.3451, 0.6980
CMYK	0.15, 0.00, 0.54, 0.35
HSL	77°, 37%, 48%
HSV	77°, 54%, 65%
XYZ	26.3136, 33.9240, 12.1823
YIQ	149.2650, 13.9900, -33.2900

Conversions

Conversions Part 2

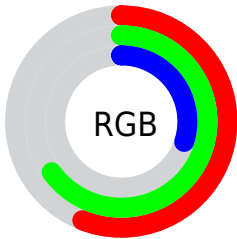
Format	Color
RYB	77, 167, 102
Decimal	9348941
CIELab	64.90, -22.84, 43.11
CIElCh	65, 48.791, 117.915
Yxy	33.9240, 0.3633, 0.4684
Android (android.graphics.Color)	4287539021 (0xFF8EA74D)
YUV	149.2650, -35.6266, -6.3714
Hunter-Lab	58.2443, -21.2849, 28.3700

Details

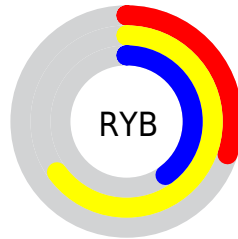
The XYZ color **26.3136, 33.9240, 12.1823** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **15.1097, 10.9234, 37.8732**, and the grayscale version is **28.8208, 30.3217, 33.0203**.

A 20% lighter version of the original color is **53.1097, 65.6978, 30.6507**, and **10.4370, 14.4599, 3.2182** is the 20% darker color. If you saturate the color by 10%, you get **25.0188, 33.3172, 9.4292**, and if you desaturate by 10%, it is **27.7946, 34.6115, 15.7357**.

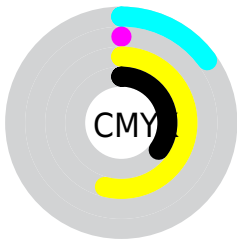
Distribution



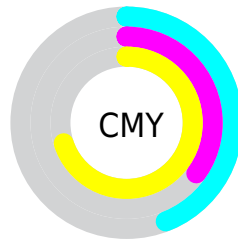
- Red (56%)
- Green (65%)
- Blue (30%)



- Red (30%)
- Yellow (65%)
- Blue (40%)



- Cyan (15%)
- Magenta (0%)
- Yellow (54%)
- Black (35%)



- Cyan (44%)
- Magenta (35%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.3136, 33.9240, 12.1823 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 26.3136, 33.9240, 12.1823 by changing the saturation by 10% instead.

■ 26.3136, 33.9240,
12.1823

■ 26.3136, 33.9240,
12.1823

276.5467,
319.7930, 216.6290

■ 17.1923, 22.8352,
6.7439

■ 53.2081, 65.8155,
30.4960

■ 10.4678, 14.4719,
3.2265

■ 71.7121, 87.3869,
44.2085

■ 5.7749, 8.4496,
1.2114

■ 94.0743, 113.2214,
61.5160

■ 2.7480, 4.3840,
0.0000

■ 120.6601,
143.7033, 82.8372

■ 1.0220, 1.8906,
0.0000

■ 151.8349,
179.2171, 108.5905

■ 0.0000, 0.5427,
0.0000

187.9640,

■ 0.0000, 0.0000,

220.1470, 139.1946

0.0000

229.4128,
266.8775, 175.0679

■ 26.3136, 33.9240,
12.1823

■ 26.3136, 33.9240,
12.1823

■ 25.0188, 33.3172,
9.4292

■ 27.7946, 34.6115,
15.7357

■ 23.8954, 32.7816,
7.4119

■ 29.4703, 35.3795,
20.1429

■ 22.9304, 32.3130,
6.0594

■ 31.3516, 36.2337,
25.4556

■ 22.1070, 31.9048,
5.2860

■ 33.4477, 37.1778,
31.7203

■ 21.6497, 31.6755,
4.9729

■ 35.7672, 38.2152,
38.9807

■ 38.3182, 39.3494,
47.2778

■ 41.1086, 40.5833,
56.6499

■ 44.1454, 41.9200,
67.1338

■ 47.4358, 43.3622,
78.7644

Harmonies

Analogous

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



32.7388, 33.9240, 10.1646



26.3136, 33.9240, 12.1823



22.0824, 33.9240, 19.9368

Triad

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



26.3136, 33.9240, 12.1823



25.5756, 33.9240, 80.4722



47.7483, 33.9240, 38.3660

Complementary

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



26.3136, 33.9240, 12.1823



15.1097, 10.9234, 37.8732

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.



45.1238, 33.9240, 61.5892



26.3136, 33.9240, 12.1823



31.7537, 33.9240, 90.7909

Square

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



26.3136, 33.9240, 12.1823



21.7019, 33.9240, 58.2174



39.0039, 33.9240, 82.8661



45.7428, 33.9240, 21.6006

Rectangle

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



26.3136, 33.9240, 12.1823



20.7375, 33.9240, 29.4019



39.0039, 33.9240, 82.8661



47.3713, 33.9240, 45.6618

Sweetspot

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



26.3144, 33.9255, 12.1830



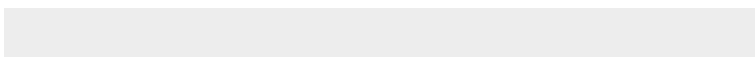
58.9636, 66.1592, 53.9562



21.9308, 18.0597, 9.3517



13.0266, 14.7295, 11.5673



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.



26.3144, 33.9255, 12.1830



44.3187, 59.4356, 15.9488



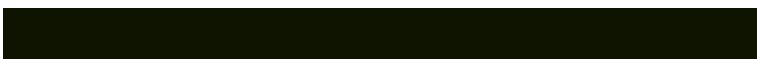
20.1964, 30.7716, 11.8967



7.9407, 8.6675, 8.0438



16.6149, 24.2625, 3.8074



0.4499, 0.6139, 0.0948

Inverse Universe

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



15.1097, 10.9234, 37.8732



22.1375, 13.7918, 66.9706



21.4842, 14.2096, 38.1715



7.3202, 7.3977, 9.4604



6.2554, 2.6082, 28.1492



0.2008, 0.0885, 0.6871

Previews

White Background



This preview shows how the XYZ color 26.3136, 33.9240, 12.1823 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 26.3136, 33.9240, 12.1823 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 26.3136, 33.9240, 12.1823

Background



This preview shows how black text looks on a background with the XYZ color 26.3136, 33.9240, 12.1823.



This preview shows how white text looks on a background with the XYZ color 26.3136, 33.9240,

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

26.3136, 33.9240, 12.1823

Protanopia

30.7486, 33.6070, 11.3447

Deuteranopia

34.4217, 33.7593, 12.6846



Tritanopia

32.4495, 33.7885, 42.8418

Trichromacy



Original Color

26.3136, 33.9240, 12.1823

Protanomaly

28.9152, 33.6791, 11.6333

Deuteranomaly

30.7920, 33.3548, 12.4046

Tritanomaly

29.5832, 33.6569, 28.2298

Monochromacy



Original Color

26.3136, 33.9240, 12.1823

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

27.3177, 31.3180, 23.3441

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3136, 33.9240, 12.1823 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(142, 167, 77)` looks like.

```
.text, #text, p{  
    color:rgb(142, 167, 77)  
}
```

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(142, 167, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 167, 77) }
```

Border

The CSS property to change the border of an element to XYZ 26.3136, 33.9240, 12.1823 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(142, 167, 77) }
```


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

```
.border{ border-color:rgb(142, 167, 77) }
```

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

Here you see how a box with a 4 pixel rgb(142, 167, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 167, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 167, 77);  
box-shadow:4px 4px 4px 4px rgb(142, 167,  
77) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3136, 33.9240, 12.1823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 167, 77) }
```

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

```
.background{ background-color: rgb(142,  
167, 77) }
```

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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