

Converting Colors

XYZ(26.3053, 26.0140, 12.1332)

Have a look what the booklet for
XYZ(26.3053, 26.0140, 12.1332)
contains.

XYZ(26.3132, 26.0309, 12.2319)	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(26.3132, 26.0309,
12.2319)**

Conversions

Conversions Part 1

Format	Color
Hex	A88655
RGB	168, 134, 85
RGB Percent	66%, 53%, 33%
CMY	0.3412, 0.4745, 0.6667
CMYK	0.00, 0.20, 0.49, 0.34
HSL	35°, 33%, 50%
HSV	35°, 49%, 66%
XYZ	26.3132, 26.0309, 12.2319
YIQ	138.5800, 35.9930, -8.0310

Conversions

Conversions Part 2

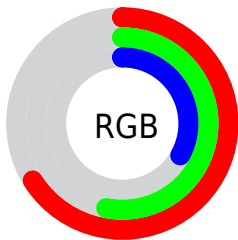
Format	Color
RYB	143, 168, 85
Decimal	11044437
CIELab	58.07, 6.62, 31.20
CIELCh	58, 31.892, 78.017
Yxy	26.0309, 0.4075, 0.4031
Android (android.graphics.Color)	4289234517 (0xFFA88655)
YUV	138.5800, -26.4149, 25.8013
Hunter-Lab	51.0205, 2.7734, 21.4999

Details

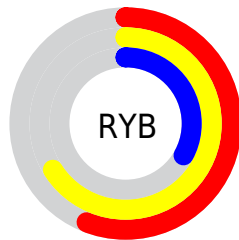
The XYZ color **26.3132, 26.0309, 12.2319** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **17.4107, 17.9513, 39.5929**, and the grayscale version is **24.4683, 25.7425, 28.0336**.

A 20% lighter version of the original color is **53.1948, 53.2975, 30.4054**, and **10.5378, 10.2143, 3.2499** is the 20% darker color. If you saturate the color by 10%, you get **24.8032, 23.9553, 8.8177**, and if you desaturate by 10%, it is **28.0448, 28.2962, 16.5024**.

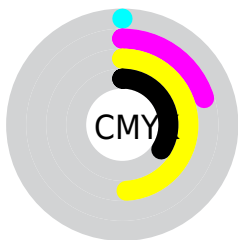
Distribution



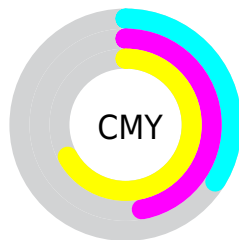
- Red (66%)
- Green (53%)
- Blue (33%)



- Red (56%)
- Yellow (66%)
- Blue (33%)



- Cyan (0%)
- Magenta (20%)
- Yellow (49%)
- Black (34%)



- Cyan (34%)
- Magenta (47%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.3132, 26.0309, 12.2319 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 26.3132, 26.0309, 12.2319 by changing the saturation by 10% instead.

■ 26.3132, 26.0309,
12.2319

■ 26.3132, 26.0309,
12.2319

276.5448,
282.9337, 216.9667

■ 17.1920, 16.8468,
6.7774

■ 53.2075, 53.3248,
30.5875

■ 10.4676, 10.1253,
3.2469

■ 71.7113, 72.2033,
44.3256

■ 5.7747, 5.4821,
1.2221

■ 94.0734, 95.0821,
61.6619

■ 2.7479, 2.5328,
0.0000

■ 120.6590,
122.3456, 83.0151

■ 1.0219, 0.8930,
0.0000

■ 151.8336,
154.3781, 108.8036

■ 0.0000, 0.0000,
0.0000

187.9626,

191.5640, 139.4460

229.4111,
234.2877, 175.3609

■ 26.3132, 26.0309,
12.2319

■ 26.3132, 26.0309,
12.2319

■ 24.8032, 23.9553,
8.8177

■ 28.0448, 28.2962,
16.5024

■ 23.5005, 22.0587,
6.1977

■ 30.0076, 30.7538,
21.6820

■ 22.3914, 20.3348,
4.3041

■ 32.2126, 33.4110,
27.8212

■ 21.4596, 18.7752,
3.0567

■ 34.6698, 36.2733,
34.9664

■ 20.6727, 17.3647,
2.2909

■ 37.3883, 39.3462,
43.1607

■ 20.6281, 17.2843,
2.2490

■ 40.3768, 42.6348,
52.4448

■ 43.6435, 46.1439,
62.8574

■ 47.1964, 49.8784,
74.4349

■ 51.0429, 53.8427,
87.2125

Harmonies

Analogous

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



30.0403, 26.0309, 15.3070



26.3132, 26.0309, 12.2319



22.5183, 26.0309, 12.5653

Triad

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



26.3132, 26.0309, 12.2319



18.3390, 26.0309, 35.4319



30.6728, 26.0309, 45.0530

Complementary

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



26.3132, 26.0309, 12.2319



17.4107, 17.9513, 39.5929

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.



27.1066, 26.0309, 53.7133



26.3132, 26.0309, 12.2319



20.1058, 26.0309, 47.2405

Square

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



26.3132, 26.0309, 12.2319



18.1740, 26.0309, 24.1590



23.2338, 26.0309, 54.6043



32.7268, 26.0309, 32.9847

Rectangle

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



26.3132, 26.0309, 12.2319



20.4500, 26.0309, 14.6891



23.2338, 26.0309, 54.6043



29.5951, 26.0309, 48.5808

Sweetspot

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



26.3138, 26.0321, 12.2324



60.2394, 62.7283, 55.6132



22.7619, 16.1680, 19.5582



12.9375, 13.4469, 11.5671



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.



26.3138, 26.0321, 12.2324



44.8372, 43.2267, 15.6339



30.3570, 36.2467, 13.9909



7.8853, 8.2507, 7.9662



15.6290, 13.1552, 1.7155



0.4287, 0.4170, 0.0579

Inverse Universe

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



17.4107, 17.9513, 39.5929



26.8424, 26.9170, 71.0058



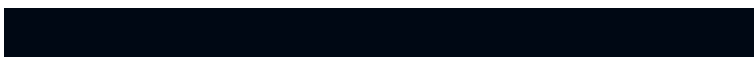
14.7219, 11.5954, 38.5078



7.3747, 7.7863, 9.5326



6.9837, 5.4276, 28.6550



0.2206, 0.2333, 0.7141

Previews

White Background



This preview shows how the XYZ color 26.3132, 26.0309, 12.2319 looks on a white background.

Color Contrast Check

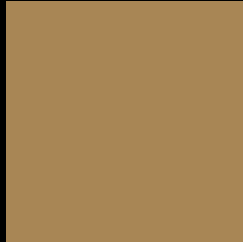
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3132, 26.0309, 12.2319 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

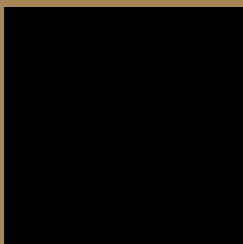
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.3132, 26.0309, 12.2319

Background



This preview shows how black text looks on a background with the XYZ color 26.3132, 26.0309, 12.2319.



This preview shows how white text looks on a background with the XYZ color 26.3132, 26.0309,

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

26.3132, 26.0309, 12.2319

Protanopia

24.0473, 26.1197, 12.7910

Deuteranopia

26.3894, 25.8660, 12.1961



Tritanopia

29.4681, 26.1287, 27.1571

Trichromacy



Original Color

26.3132, 26.0309, 12.2319

Protanomaly

24.8687, 26.1179, 12.5346

Deuteranomaly

26.3894, 25.8660, 12.1961

Tritanomaly

28.0472, 25.9312, 20.6665

Monochromacy



Original Color

26.3132, 26.0309, 12.2319

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.8531, 25.7073, 21.1049

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3132, 26.0309, 12.2319 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(168, 134, 85)` looks like.

```
.text, #text, p{  
    color:rgb(168, 134, 85)  
}
```

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(168, 134, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 134, 85) }
```

Border

The CSS property to change the border of an element to XYZ 26.3132, 26.0309, 12.2319 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(168, 134, 85) }
```


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

```
.border{ border-color:rgb(168, 134, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 134, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 134, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 134, 85);  
box-shadow:4px 4px 4px 4px rgb(168, 134,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3132, 26.0309, 12.2319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 134, 85) }
```

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

```
.background{ background-color: rgb(168,  
134, 85) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor