

Converting Colors

XYZ(29.8066, 26.1859, 11.2749)

Have a look what the booklet for
XYZ(29.8066, 26.1859, 11.2749)
contains.

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Color

**XYZ(29.9323, 26.3346,
11.2901)**

Conversions

Conversions Part 1

Format	Color
Hex	BD7E51
RGB	189, 126, 81
RGB Percent	74%, 49%, 32%
CMY	0.2588, 0.5059, 0.6823
CMYK	0.00, 0.33, 0.57, 0.26
HSL	25°, 45%, 53%
HSV	25°, 57%, 74%
XYZ	29.9323, 26.3346, 11.2901
YIQ	139.7070, 51.9930, -0.6390

Conversions

Conversions Part 2

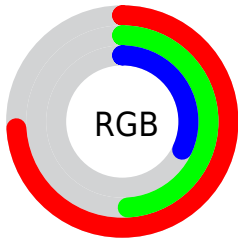
Format	Color
R_{YB}	189, 158, 81
Decimal	12418641
CIE _{Lab}	58.35, 19.69, 34.24
CIE _{LCh}	58, 39.493, 60.098
Yxy	26.3346, 0.4431, 0.3898
Android (android.graphics.Color)	4290608721 (0xFFBD7E51)
YUV	139.7070, -28.9426, 43.2300
Hunter-Lab	51.3172, 14.3102, 22.8779

Details

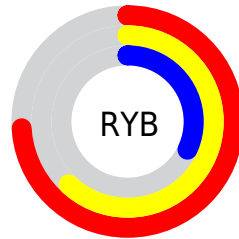
The XYZ color **29.9323, 26.3346, 11.2901** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **22.5514, 25.3688, 51.8519**, and the grayscale version is **24.9087, 26.2059, 28.5382**.

A 20% lighter version of the original color is **58.9282, 53.8354, 28.7581**, and **12.4583, 10.3288, 2.8504** is the 20% darker color. If you saturate the color by 10%, you get **27.9870, 23.4248, 7.6184**, and if you desaturate by 10%, it is **32.2315, 29.6366, 16.0533**.

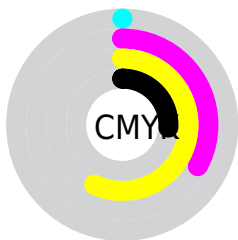
Distribution



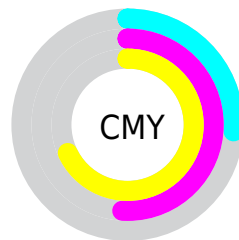
- Red (74%)
- Green (49%)
- Blue (32%)



- Red (74%)
- Yellow (62%)
- Blue (32%)



- Cyan (0%)
- Magenta (33%)
- Yellow (57%)
- Black (26%)



- Cyan (26%)
- Magenta (51%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.9323, 26.3346, 11.2901 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 29.9323, 26.3346, 11.2901 by changing the saturation by 10% instead.

■ 29.9323, 26.3346,
11.2901

■ 29.9323, 26.3346,
11.2901

293.5043,
284.4208, 210.4555

■ 19.9350, 17.0741,
6.1457

■ 58.9425, 53.8142,
28.8402

■ 12.4558, 10.2874,
2.8637

■ 78.6861, 72.8022,
42.0829

■ 7.1293, 5.5899,
1.0254

■ 102.4091, 95.8015,
58.8622

■ 3.5901, 2.5974,
0.0000

■ 130.4771,
123.1964, 79.5966

■ 1.4730, 0.9253,
0.0000

■ 163.2552,
155.3714, 104.7045

■ 0.3073, 0.0000,
0.0000

201.1088,

■ 0.0000, 0.0000,

192.7108, 134.6047

0.0000

244.4034,
235.5992, 169.7155

■ 29.9323, 26.3346,
11.2901

■ 29.9323, 26.3346,
11.2901

■ 27.9870, 23.4248,
7.6184

■ 32.2315, 29.6366,
16.0533

■ 26.3719, 20.8866,
4.9465

■ 34.9023, 33.3425,
21.9865

■ 25.0626, 18.7029,
3.1698

■ 37.9635, 37.4681,
29.1628

■ 24.0261, 16.8514,
2.1414

■ 41.4318, 42.0272,
37.6485

■ 23.7647, 16.3758,
1.9083

■ 45.3229, 47.0327,
47.5055

■ 49.6515, 52.4972,
58.7916

■ 54.4318, 58.4325,
71.5612

■ 59.6771, 64.8501,
85.8659

■ 65.4002, 71.7612,
101.7547

Harmonies

Analogous

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



33.9196, 26.3346, 17.3318



29.9323, 26.3346, 11.2901



25.0144, 26.3346, 9.4990

Triad

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



29.9323, 26.3346, 11.2901



16.8705, 26.3346, 28.7193



29.9632, 26.3346, 58.2550

Complementary

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



29.9323, 26.3346, 11.2901



22.5514, 25.3688, 51.8519

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.



25.0461, 26.3346, 64.1765



29.9323, 26.3346, 11.2901



17.8478, 26.3346, 44.1222

Square

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



29.9323, 26.3346, 11.2901



17.8352, 26.3346, 17.3880



20.6949, 26.3346, 58.3277



33.9390, 26.3346, 44.0176

Rectangle

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



29.9323, 26.3346, 11.2901



21.9833, 26.3346, 10.2928



20.6949, 26.3346, 58.3277



28.3464, 26.3346, 61.4549

Sweetspot

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



29.9329, 26.3359, 11.2906



74.1193, 75.1599, 67.2158



28.9628, 18.7175, 28.4720



15.6590, 15.7978, 13.7595



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



29.9329, 26.3359, 11.2906



49.2084, 40.5395, 12.0484



38.7926, 44.0552, 14.2438



9.8480, 10.1720, 10.0210



16.0615, 11.1619, 1.3079



0.6939, 0.5667, 0.0728

Inverse Universe

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



22.5514, 25.3688, 51.8519



34.6384, 38.5442, 91.8403



16.2350, 12.7361, 49.7464



9.4663, 10.1249, 12.1276



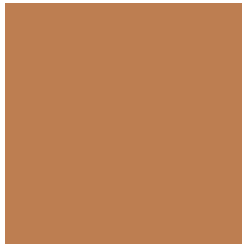
10.0263, 10.1642, 33.8264



0.4559, 0.5246, 1.3461

Previews

White Background



This preview shows how the XYZ color 29.9323, 26.3346, 11.2901 looks on a white background.

Color Contrast Check

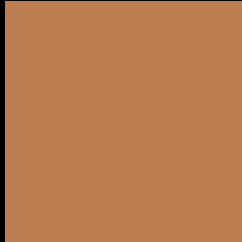
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.9323, 26.3346, 11.2901 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

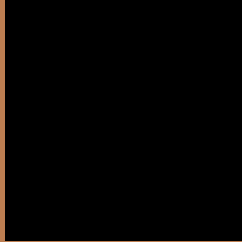
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.9323, 26.3346, 11.2901

Background



This preview shows how black text looks on a background with the XYZ color 29.9323, 26.3346, 11.2901.



This preview shows how white text looks on a background with the XYZ color 29.9323, 26.3346,

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

29.9323, 26.3346, 11.2901

Protanopia

24.5310, 26.5917, 12.6439

Deuteranopia

26.9496, 26.3854, 11.0696



Tritanopia

32.6712, 26.3554, 24.1340

Trichromacy



Original Color

29.9323, 26.3346, 11.2901

Protanomaly

26.3407, 26.4639, 12.1072

Deuteranomaly

27.9244, 26.2768, 11.1896

Tritanomaly

31.6224, 26.2954, 18.7381

Monochromacy



Original Color

29.9323, 26.3346, 11.2901

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

26.0943, 25.9290, 21.0822

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.9323, 26.3346, 11.2901 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(189, 126, 81)` looks like.

```
.text, #text, p{  
    color:rgb(189, 126, 81)  
}
```

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(189, 126, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 126, 81) }
```

Border

The CSS property to change the border of an element to XYZ 29.9323, 26.3346, 11.2901 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(189, 126, 81) }
```


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

```
.border{ border-color:rgb(189, 126, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 126, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 126, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 126, 81);  
box-shadow:4px 4px 4px 4px rgb(189, 126,  
81) }
```

Background

The CSS property to change the background color of an element to XYZ 29.9323, 26.3346, 11.2901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 126, 81) }
```

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

```
.background{ background-color: rgb(189,  
126, 81) }
```

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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