

Converting Colors

XYZ(29.0420, 26.2943, 16.4487)

Have a look what the booklet for
XYZ(29.0420, 26.2943, 16.4487)
contains.

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Color

**XYZ(29.1208, 26.3831,
16.3896)**

Conversions

Conversions Part 1

Format	Color
Hex	B48167
RGB	180, 129, 103
RGB Percent	71%, 51%, 40%
CMY	0.2941, 0.4941, 0.5961
CMYK	0.00, 0.28, 0.43, 0.29
HSL	20°, 34%, 55%
HSV	20°, 43%, 71%
XYZ	29.1208, 26.3831, 16.3896
YIQ	141.2850, 38.7420, 2.7260

Conversions

Conversions Part 2

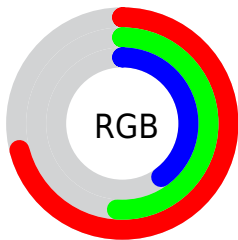
Format	Color
RYB	180, 142, 103
Decimal	11829607
CIELab	58.40, 16.39, 21.88
CIELCh	58, 27.341, 53.171
Yxy	26.3831, 0.4051, 0.3670
Android (android.graphics.Color)	4290019687 (0xFFB48167)
YUV	141.2850, -18.8745, 33.9531
Hunter-Lab	51.3645, 11.3117, 17.0366

Details

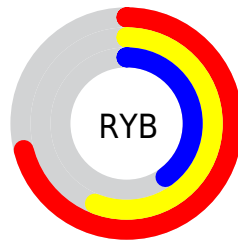
The XYZ color **29.1208, 26.3831, 16.3896** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **25.3868, 29.2888, 47.4951**, and the grayscale version is **25.4911, 26.8186, 29.2054**.

A 20% lighter version of the original color is **57.4857, 53.7935, 37.9252**, and **12.0399, 10.3828, 5.1109** is the 20% darker color. If you saturate the color by 10%, you get **26.8331, 23.1013, 11.6393**, and if you desaturate by 10%, it is **31.7875, 30.1117, 22.2263**.

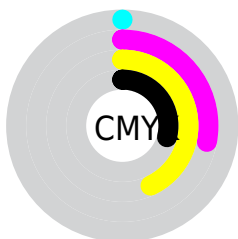
Distribution



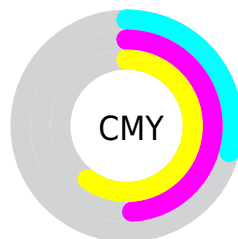
- Red (71%)
- Green (51%)
- Blue (40%)



- Red (71%)
- Yellow (56%)
- Blue (40%)



- Cyan (0%)
- Magenta (28%)
- Yellow (43%)
- Black (29%)





- Cyan (29%)
- Magenta (49%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.1208, 26.3831, 16.3896 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 29.1208, 26.3831, 16.3896 by changing the saturation by 10% instead.


 29.1208, 26.3831,
16.3896


 29.1208, 26.3831,
16.3896


289.7684,
284.6577, 243.5535


 19.3170, 17.1105,
9.6429


 57.6652, 53.8923,
38.0494


 12.0049, 10.3133,
5.0604


 77.1365, 72.8977,
53.7996

 6.8192, 5.6072,
2.2234


 100.5609, 95.9162,
73.3881

 3.3946, 2.6077,
0.6878

 128.3039,
123.3320, 97.2334

 1.3657, 0.9305,
0.0000

160.7308,
155.5297, 125.7541

 0.2316, 0.0000,
0.0000

198.2069,

 0.0000, 0.0000,

192.8936, 159.3686

0.0000

241.0977,
235.8081, 198.4956

■ 29.1208, 26.3831,
16.3896

■ 29.1208, 26.3831,
16.3896

■ 26.8331, 23.1013,
11.6393

■ 31.7875, 30.1117,
22.2263

■ 24.9036, 20.2449,
7.9055

■ 34.8488, 34.2998,
29.2103

■ 23.3123, 17.7962,
5.1122


■ 38.3216, 38.9643,
37.3999


■ 22.0360, 15.7348,
3.1721

■ 42.2211, 44.1201,
46.8488


■ 21.0478, 14.0379,
1.9811


■ 46.5619, 49.7813,
57.6074

 20.4798, 13.0183,
1.4334

 51.3579, 55.9616,
69.7235

 56.6221, 62.6739,
83.2425

 62.3671, 69.9310,
98.2074

 66.9526, 77.0839,
105.9576

Harmonies

Analogous

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



31.4470, 26.3831, 22.0882



29.1208, 26.3831, 16.3896



25.8467, 26.3831, 14.0758

Triad

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



29.1208, 26.3831, 16.3896



19.2319, 26.3831, 26.5975



27.6857, 26.3831, 49.1388

Complementary

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



29.1208, 26.3831, 16.3896



25.3868, 29.2888, 47.4951

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.



24.3214, 26.3831, 51.0972



29.1208, 26.3831, 16.3896



19.6300, 26.3831, 36.5775

Square

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



29.1208, 26.3831, 16.3896



20.2849, 26.3831, 19.0629



21.4249, 26.3831, 46.0806



30.5685, 26.3831, 41.2041

Rectangle

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



29.1208, 26.3831, 16.3896



23.6431, 26.3831, 14.2963



21.4249, 26.3831, 46.0806



26.5664, 26.3831, 50.5809

Sweetspot

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



29.1215, 26.3844, 16.3901



69.1887, 70.2554, 67.1049



29.5332, 21.7482, 33.3589



14.6447, 14.7714, 13.7667



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



29.1215, 26.3844, 16.3901



49.0023, 42.3938, 21.8059



35.1198, 38.3811, 18.3896



8.7231, 8.9588, 8.9220



14.3502, 9.1990, 1.0192



0.5068, 0.4000, 0.0505

Inverse Universe

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



25.3868, 29.2888, 47.4951



41.3367, 48.2865, 85.4362



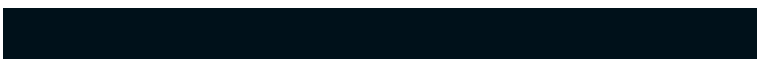
20.0582, 18.6315, 45.7189



8.4961, 9.1384, 10.8224



10.4355, 11.6713, 31.8398



0.3796, 0.4698, 1.0189

Previews

White Background



This preview shows how the XYZ color 29.1208, 26.3831, 16.3896 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 29.1208, 26.3831, 16.3896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

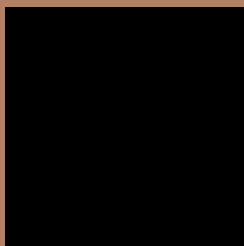
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.1208, 26.3831, 16.3896

Background



This preview shows how black text looks on a background with the XYZ color 29.1208, 26.3831, 16.3896.



This preview shows how white text looks on a background with the XYZ color 29.1208, 26.3831,

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

29.1208, 26.3831, 16.3896

Protanopia

24.8093, 26.6165, 18.0173

Deuteranopia

26.9986, 26.5027, 16.2629



Tritanopia

31.1651, 26.4557, 26.0181

Trichromacy



Original Color

29.1208, 26.3831, 16.3896

Protanomaly

26.2451, 26.5090, 17.3692

Deuteranomaly

27.7991, 26.5050, 16.2212

Tritanomaly

30.3274, 26.2969, 22.2163

Monochromacy



Original Color

29.1208, 26.3831, 16.3896

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

26.2940, 26.3922, 23.7870

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1208, 26.3831, 16.3896 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(180, 129, 103)` looks like.

```
.text, #text, p{  
    color:rgb(180, 129, 103)  
}
```

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(180, 129, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 129, 103) }
```

Border

The CSS property to change the border of an element to XYZ 29.1208, 26.3831, 16.3896 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(180, 129, 103) }
```


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

```
.border{ border-color:rgb(180, 129, 103) }
```

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

Here you see how a box with a 4 pixel rgb(180, 129, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 129, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 129, 103);  
box-shadow:4px 4px 4px 4px rgb(180, 129,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1208, 26.3831, 16.3896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 129, 103) }
```

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

```
.background{ background-color: rgb(180,  
129, 103) }
```

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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