

Converting Colors

XYZ(31.7928, 28.0892, 10.5836)

Have a look what the booklet for
XYZ(31.7928, 28.0892, 10.5836)
contains.

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Color

**XYZ(31.7928, 28.0892,
10.5836)**

Conversions

Conversions Part 1

Format	Color
Hex	C3824C
RGB	195, 130, 76
RGB Percent	76%, 51%, 30%
CMY	0.2353, 0.4902, 0.7020
CMYK	0.00, 0.33, 0.61, 0.24
HSL	27°, 50%, 53%
HSV	27°, 61%, 76%
XYZ	31.7928, 28.0892, 10.5836
YIQ	143.2790, 56.0740, -3.0140

Conversions

Conversions Part 2

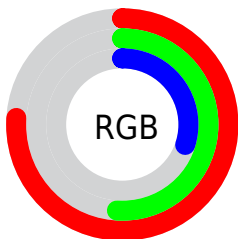
Format	Color
R_{YB}	195, 175, 76
Decimal	12812876
CIE _{Lab}	59.97, 19.63, 39.02
CIE _{LCh}	60, 43.683, 63.297
Yxy	28.0892, 0.4512, 0.3986
Android (android.graphics.Color)	4291002956 (0xFFC3824C)
YUV	143.2790, -33.1685, 45.3593
Hunter-Lab	52.9992, 14.3286, 25.2596

Details

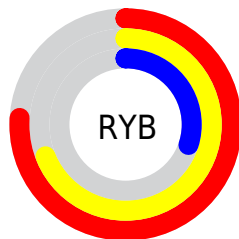
The XYZ color **31.7928, 28.0892, 10.5836** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **22.3551, 24.5251, 55.1850**, and the grayscale version is **26.3334, 27.7048, 30.1706**.

A 20% lighter version of the original color is **61.9394, 56.6333, 27.4054**, and **13.3948, 11.1395, 2.5428** is the 20% darker color. If you saturate the color by 10%, you get **29.8708, 25.1708, 7.0901**, and if you desaturate by 10%, it is **34.0682, 31.3859, 15.2089**.

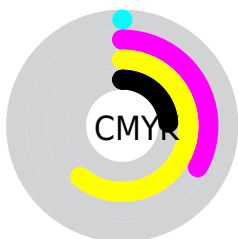
Distribution



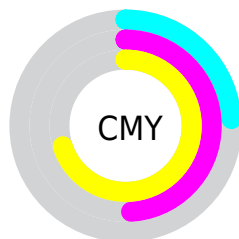
- Red (76%)
- Green (51%)
- Blue (30%)



- Red (76%)
- Yellow (69%)
- Blue (30%)



- Cyan (0%)
- Magenta (33%)
- Yellow (61%)
- Black (24%)



- Cyan (24%)
- Magenta (49%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.7928, 28.0892, 10.5836 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 31.7928, 28.0892, 10.5836 by changing the saturation by 10% instead.

31.7928, 28.0892,
10.5836

31.7928, 28.0892,
10.5836

301.9364,
292.8929, 205.4219

21.3581, 18.3929,
5.6770

61.8535, 56.6268,
27.5123

13.4999, 11.2324,
2.5841

82.2102, 76.2369,
40.3715

7.8531, 6.2234,
0.8842

106.6049, 99.9205,
56.7186

4.0521, 2.9814,
0.0000

135.4030,
128.0618, 76.9722

1.7316, 1.1220,
0.0000

168.9699,
161.0453, 101.5508

0.4760, 0.0000,
0.0000

207.6708,

0.0000, 0.0000,

199.2554, 130.8729

0.0000

251.8712,
243.0765, 165.3571

■ 31.7928, 28.0892,
10.5836

■ 31.7928, 28.0892,
10.5836

■ 29.8708, 25.1708,
7.0901

■ 34.0682, 31.3859,
15.2089

■ 28.2767, 22.6100,
4.6242

■ 36.7161, 35.0719,
21.0545

■ 26.9834, 20.3896,
3.0645

■ 39.7564, 39.1628,
28.2019

■ 26.0360, 18.6631,
2.2301

■ 43.2067, 43.6719,
36.7248

■ 47.0837, 48.6120,
46.6915

■ 51.4026, 53.9950,
58.1658

■ 56.1784, 59.8326,
71.2074

■ 61.4249, 66.1356,
85.8729

■ 67.1554, 72.9150,
102.2161

Harmonies

Analogous

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



36.6613, 28.0892, 16.6736



31.7928, 28.0892, 10.5836



26.0881, 28.0892, 9.0776

Triad

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



31.7928, 28.0892, 10.5836



17.3886, 28.0892, 32.3782



33.0036, 28.0892, 63.9529

Complementary

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



31.7928, 28.0892, 10.5836



22.3551, 24.5251, 55.1850

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.



27.3172, 28.0892, 72.4339



31.7928, 28.0892, 10.5836



18.7261, 28.0892, 50.6464

Square

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



31.7928, 28.0892, 10.5836



18.2452, 28.0892, 18.7916



22.1787, 28.0892, 66.8740



37.4257, 28.0892, 46.4986

Rectangle

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



31.7928, 28.0892, 10.5836



22.6912, 28.0892, 10.2092



22.1787, 28.0892, 66.8740



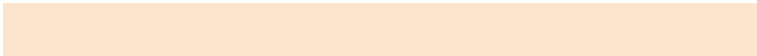
31.1505, 28.0892, 68.1772

Sweetspot

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



31.7935, 28.0906, 10.5841



79.2137, 80.5691, 70.4136



29.9314, 18.7077, 27.4088



16.9148, 17.0880, 14.3243



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



31.7935, 28.0906, 10.5841



52.5515, 43.5892, 11.1385



42.0183, 48.5403, 13.9924



10.4412, 10.8139, 10.5989



17.0039, 12.2936, 1.4767



0.8035, 0.6687, 0.0867

Inverse Universe

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



22.3551, 24.5251, 55.1850



34.1910, 36.5990, 97.7320



15.8445, 11.5040, 53.0148



9.9739, 10.6392, 12.8127



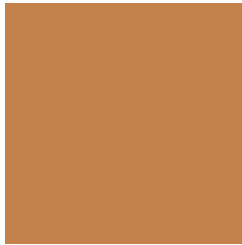
9.8709, 9.4983, 34.8697



0.4946, 0.5467, 1.5293

Previews

White Background



This preview shows how the XYZ color 31.7928, 28.0892, 10.5836 looks on a white background.

Color Contrast Check

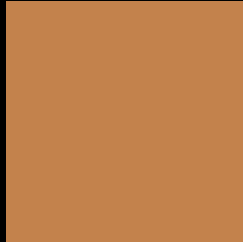
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.7928, 28.0892, 10.5836 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 31.7928, 28.0892, 10.5836

Background



This preview shows how black text looks on a background with the XYZ color 31.7928, 28.0892, 10.5836.



This preview shows how white text looks on a background with the XYZ color 31.7928, 28.0892,

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

31.7928, 28.0892, 10.5836

Protanopia

25.9087, 28.2158, 11.8652

Deuteranopia

28.6846, 28.1363, 10.3976



Tritanopia

34.8698, 28.0015, 25.7573

Trichromacy



Original Color

31.7928, 28.0892, 10.5836

Protanomaly

27.8026, 28.0913, 11.3539

Deuteranomaly

29.7011, 28.0263, 10.5008

Tritanomaly

33.6742, 28.0973, 18.9777

Monochromacy



Original Color

31.7928, 28.0892, 10.5836

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

27.3185, 27.1902, 21.2612

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.7928, 28.0892, 10.5836 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(195, 130, 76)` looks like.

```
.text, #text, p{  
    color:rgb(195, 130, 76)  
}
```

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(195, 130, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 130, 76) }
```

Border

The CSS property to change the border of an element to XYZ 31.7928, 28.0892, 10.5836 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(195, 130, 76) }
```


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

```
.border{ border-color:rgb(195, 130, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 130, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 130, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 130, 76);  
box-shadow:4px 4px 4px 4px rgb(195, 130,  
76) }
```

Background

The CSS property to change the background color of an element to XYZ 31.7928, 28.0892, 10.5836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 130, 76) }
```

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

```
.background{ background-color: rgb(195,  
130, 76) }
```

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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