

Converting Colors

XYZ(29.0381, 28.1026, 10.5505)

Have a look what the booklet for
XYZ(29.0381, 28.1026, 10.5505)
contains.

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Color

**XYZ(29.0381, 28.1026,
10.5505)**

Conversions

Conversions Part 1

Format	Color
Hex	B4894B
RGB	180, 137, 75
RGB Percent	71%, 54%, 29%
CMY	0.2941, 0.4627, 0.7059
CMYK	0.00, 0.24, 0.58, 0.29
HSL	35°, 41%, 50%
HSV	35°, 58%, 71%
XYZ	29.0381, 28.1026, 10.5505
YIQ	142.7890, 45.5300, -10.1660

Conversions

Conversions Part 2

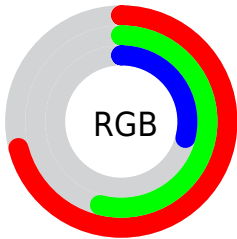
Format	Color
R_{YB}	148, 180, 75
Decimal	11831627
CIE _{Lab}	59.98, 9.25, 39.14
CIE _{LCh}	60, 40.218, 76.705
Yxy	28.1026, 0.4290, 0.4152
Android (android.graphics.Color)	4290021707 (0xFFB4894B)
YUV	142.7890, -33.4200, 32.6340
Hunter-Lab	53.0119, 5.0054, 25.3083

Details

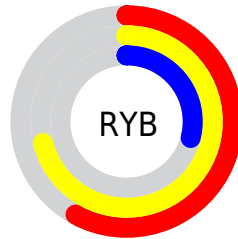
The XYZ color **29.0381, 28.1026, 10.5505** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **17.6181, 17.7474, 45.6770**, and the grayscale version is **26.1412, 27.5026, 29.9503**.

A 20% lighter version of the original color is **57.3750, 56.4847, 27.2807**, and **11.9182, 11.1806, 2.5668** is the 20% darker color. If you saturate the color by 10%, you get **27.4950, 25.8668, 7.4148**, and if you desaturate by 10%, it is **30.8285, 30.5541, 14.6291**.

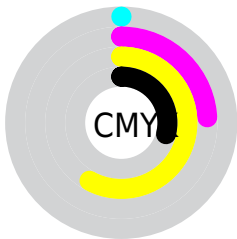
Distribution



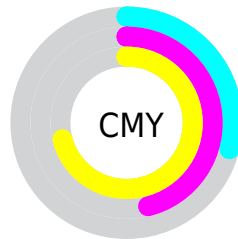
- Red (71%)
- Green (54%)
- Blue (29%)



- Red (58%)
- Yellow (71%)
- Blue (29%)



- Cyan (0%)
- Magenta (24%)
- Yellow (58%)
- Black (29%)



- Cyan (29%)
- Magenta (46%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.0381, 28.1026, 10.5505 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 29.0381, 28.1026, 10.5505 by changing the saturation by 10% instead.

■ 29.0381, 28.1026,
10.5505

■ 29.0381, 28.1026,
10.5505

289.3856,
292.9569, 205.1827

■ 19.2541, 18.4030,
5.6551

■ 57.5348, 56.6482,
27.4497

■ 11.9591, 11.2397,
2.5711

■ 76.9781, 76.2630,
40.2907

■ 6.7878, 6.2283,
0.8775

■ 100.3719, 99.9517,
56.6172

■ 3.3749, 2.9844,
0.0000

■ 128.0816,
128.0986, 76.8479

■ 1.3550, 1.1236,
0.0000

■ 160.4724,
161.0882, 101.4012

■ 0.2238, 0.0000,
0.0000

197.9098,

■ 0.0000, 0.0000,

199.3049, 130.6958

0.0000

240.7591,
243.1329, 165.1501

■ 29.0381, 28.1026,
10.5505

■ 29.0381, 28.1026,
10.5505

■ 27.4950, 25.8668,
7.4148

■ 30.8285, 30.5541,
14.6291

■ 26.1805, 23.8336,
5.1401

■ 32.8788, 33.2252,
19.7197

■ 25.0762, 21.9944,
3.6332

■ 35.2032, 36.1248,
25.8869

■ 24.1511, 20.3344,
2.7382

■ 37.8140, 39.2600,
33.1895

■ 24.0066, 20.0717,
2.6089

■ 40.7228, 42.6374,
41.6817

■ 43.9403, 46.2633,
51.4146

■ 47.4769, 50.1437,
62.4359

■ 51.3421, 54.2845,
74.7911

■ 55.5454, 58.6912,
88.5232

Harmonies

Analogous

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



34.0430, 28.1026, 14.3290



29.0381, 28.1026, 10.5505



23.9808, 28.1026, 10.7654

Triad

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



29.0381, 28.1026, 10.5505



18.3507, 28.1026, 39.4358



34.5321, 28.1026, 54.2792

Complementary

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



29.0381, 28.1026, 10.5505



17.6181, 17.7474, 45.6770

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.



29.6403, 28.1026, 66.3069



29.0381, 28.1026, 10.5505



20.5149, 28.1026, 56.0357

Square

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



29.0381, 28.1026, 10.5505



18.2329, 28.1026, 24.5649



24.5111, 28.1026, 67.0365



37.4775, 28.1026, 37.5481

Rectangle

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



29.0381, 28.1026, 10.5505



21.2502, 28.1026, 13.1096



24.5111, 28.1026, 67.0365



33.0345, 28.1026, 59.2107

Sweetspot

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



29.0388, 28.1040, 10.5511



69.0887, 71.8039, 61.6809



24.6534, 16.0616, 19.1753



14.7200, 15.2686, 12.7234



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.



29.0388, 28.1040, 10.5511



49.1302, 45.8085, 12.1099



34.4404, 41.8366, 12.9170



8.8994, 9.3114, 8.9808



16.8225, 14.1436, 1.8433



0.5850, 0.5564, 0.0766

Inverse Universe

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



17.6181, 17.7474, 45.6770



26.5258, 25.3611, 81.7917



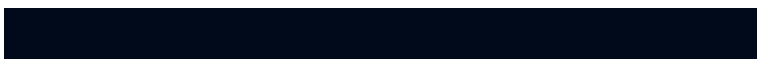
14.3884, 10.2011, 44.3906



8.3182, 8.7826, 10.7631



7.5080, 5.8164, 30.8640



0.2943, 0.2991, 0.9905

Previews

White Background



This preview shows how the XYZ color 29.0381, 28.1026, 10.5505 looks on a white background.

Color Contrast Check

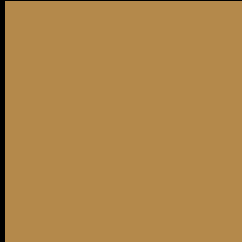
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.0381, 28.1026, 10.5505 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 29.0381, 28.1026, 10.5505

Background



This preview shows how black text looks on a background with the XYZ color 29.0381, 28.1026, 10.5505.



This preview shows how white text looks on a background with the XYZ color 29.0381, 28.1026,

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

29.0381, 28.1026, 10.5505

Protanopia

25.9977, 28.2744, 11.2950

Deuteranopia

28.7186, 28.1499, 10.5765



Tritanopia

32.6504, 28.1436, 28.1375

Trichromacy



Original Color

29.0381, 28.1026, 10.5505

Protanomaly

26.9489, 28.0973, 11.0241

Deuteranomaly

28.9489, 28.2687, 10.5872

Tritanomaly

31.0684, 28.1033, 20.3100

Monochromacy



Original Color

29.0381, 28.1026, 10.5505

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.5052, 27.4257, 21.0363

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0381, 28.1026, 10.5505 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, 137, 75)` looks like.

```
.text, #text, p{  
    color:rgb(180, 137, 75)  
}
```

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, 137, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 137, 75) }
```

Border

The CSS property to change the border of an element to XYZ 29.0381, 28.1026, 10.5505 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, 137, 75) }
```


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

```
.border{ border-color:rgb(180, 137, 75) }
```

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

Here you see how a box with a 4 pixel rgb(180, 137, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 137, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 137, 75);  
box-shadow:4px 4px 4px 4px rgb(180, 137,  
75) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0381, 28.1026, 10.5505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 137, 75) }
```

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

```
.background{ background-color: rgb(180,  
137, 75) }
```

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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