

Converting Colors

XYZ(30.0060, 28.6630, 15.1664)

Have a look what the booklet for
XYZ(30.0060, 28.6630, 15.1664)
contains.

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Color

**XYZ(30.0685, 28.7433,
15.2725)**

Conversions

Conversions Part 1

Format	Color
Hex	B48A61
RGB	180, 138, 97
RGB Percent	71%, 54%, 38%
CMY	0.2941, 0.4588, 0.6196
CMYK	0.00, 0.23, 0.46, 0.29
HSL	30°, 36%, 54%
HSV	30°, 46%, 71%
XYZ	30.0685, 28.7433, 15.2725
YIQ	145.8840, 38.1930, -3.8470

Conversions

Conversions Part 2

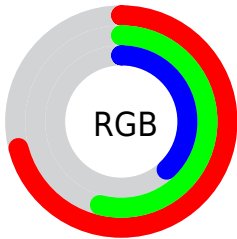
Format	Color
R_{YB}	180, 178, 97
Decimal	11831905
CIE _{Lab}	60.55, 10.72, 28.07
CIE _{LCh}	61, 30.050, 69.109
Yxy	28.7433, 0.4059, 0.3880
Android (android.graphics.Color)	4290021985 (0xFFB48A61)
YUV	145.8840, -24.0998, 29.9197
Hunter-Lab	53.6128, 6.2886, 20.6392

Details

The XYZ color **30.0685, 28.7433, 15.2725** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **22.4002, 24.3009, 46.6898**, and the grayscale version is **27.3593, 28.7841, 31.3459**.

A 20% lighter version of the original color is **58.9011, 57.4042, 35.9927**, and **12.5229, 11.5697, 4.5908** is the 20% darker color. If you saturate the color by 10%, you get **28.0704, 25.9413, 10.9251**, and if you desaturate by 10%, it is **32.3681, 31.8435, 20.6605**.

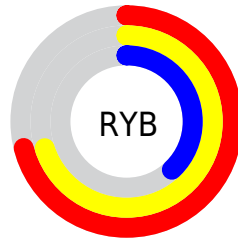
Distribution



Red (71%)

Green (54%)

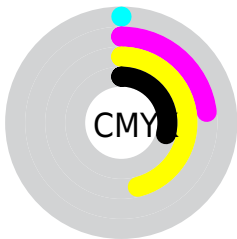
Blue (38%)



Red (71%)

Yellow (70%)

Blue (38%)

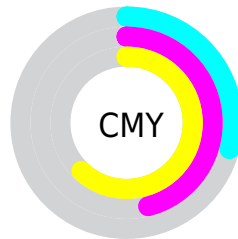


Cyan (0%)

Magenta (23%)

Yellow (46%)

Black (29%)



Cyan (29%)

Magenta (46%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.0685, 28.7433, 15.2725 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 30.0685, 28.7433, 15.2725 by changing the saturation by 10% instead.

■ 30.0685, 28.7433,
15.2725

■ 30.0685, 28.7433,
15.2725

294.1277,
296.0018, 236.7070

■ 20.0389, 18.8867,
8.8621

■ 59.1564, 57.6690,
36.0796

■ 12.5318, 11.5885,
4.5558

■ 78.9454, 77.5069,
51.3133

■ 7.1817, 6.4641,
1.9349

■ 102.7182,
101.4407, 70.3253

■ 3.6233, 3.1293,
0.5148

■ 130.8403,
129.8548, 93.5340

■ 1.4913, 1.1996,
0.0000

163.6769,
163.1335, 121.3580

■ 0.3199, 0.0614,
0.0000

201.5935,

■ 0.0000, 0.0000,

201.6614, 154.2158

0.0000

244.9553,
245.8227, 192.5260

■ 30.0685, 28.7433,
15.2725

■ 30.0685, 28.7433,
15.2725

■ 28.0704, 25.9413,
10.9251

■ 32.3681, 31.8435,
20.6605

■ 26.3559, 23.4226,
7.5470

■ 34.9814, 35.2475,
27.1505

■ 24.9082, 21.1773,
5.0605

■ 37.9226, 38.9662,
34.8012

■ 23.7075, 19.1928,
3.3749

■ 41.2041, 43.0083,
43.6665

■ 22.7284, 17.4541,
2.3721

■ 44.8376, 47.3823,
53.7969

■ 22.3884, 16.8355,
2.0696

■ 48.8345, 52.0964,
65.2401

■ 53.2054, 57.1583,
78.0413

■ 57.9604, 62.5756,
92.2435

■ 62.4582, 68.0951,
104.4595

Harmonies

Analogous

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



33.5301, 28.7433, 19.6564



30.0685, 28.7433, 15.2725



26.1549, 28.7433, 14.5794

Triad

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



30.0685, 28.7433, 15.2725



20.5927, 28.7433, 34.8043



32.3035, 28.7433, 50.9858

Complementary

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



30.0685, 28.7433, 15.2725



22.4002, 24.3009, 46.6898

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.



28.5184, 28.7433, 57.5031



30.0685, 28.7433, 15.2725



21.9277, 28.7433, 46.8098

Square

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



30.0685, 28.7433, 15.2725



20.9229, 28.7433, 24.2763



24.7436, 28.7433, 55.8164



34.9030, 28.7433, 39.5544

Rectangle

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



30.0685, 28.7433, 15.2725



23.8471, 28.7433, 16.0892



24.7436, 28.7433, 55.8164



31.1139, 28.7433, 53.9338

Sweetspot

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



30.0692, 28.7447, 15.2731



69.8275, 71.9802, 65.9390



27.8222, 20.1429, 27.1876



14.8306, 15.2318, 13.5556



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.



30.0692, 28.7447, 15.2731



50.9547, 47.1188, 19.9280



37.0234, 42.6530, 17.5911



8.8315, 9.1755, 8.9581



15.6929, 11.8843, 1.4668



0.5522, 0.4908, 0.0656

Inverse Universe

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



22.4002, 24.3009, 46.6898



35.3662, 38.0843, 83.7816



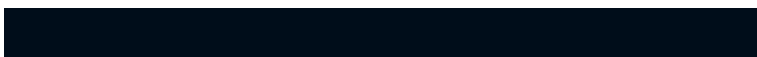
17.5719, 14.6443, 45.0803



8.3854, 8.9171, 10.7855



8.4327, 7.6658, 31.1722



0.3236, 0.3577, 1.0002

Previews

White Background



This preview shows how the XYZ color 30.0685, 28.7433, 15.2725 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 30.0685, 28.7433, 15.2725 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 30.0685, 28.7433, 15.2725

Background



This preview shows how black text looks on a background with the XYZ color 30.0685, 28.7433, 15.2725.



This preview shows how white text looks on a background with the XYZ color 30.0685, 28.7433,

15.2725.

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

30.0685, 28.7433, 15.2725

Protanopia

26.6797, 28.7470, 16.1991

Deuteranopia

29.4402, 28.8493, 15.3261



Tritanopia

32.9009, 28.6459, 29.3863

Trichromacy



Original Color

30.0685, 28.7433, 15.2725

Protanomaly

27.8005, 28.6528, 15.8697

Deuteranomaly

29.5217, 28.6754, 15.2882

Tritanomaly

31.8194, 28.6238, 23.5865

Monochromacy



Original Color

30.0685, 28.7433, 15.2725

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.8193, 28.4725, 24.4516

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0685, 28.7433, 15.2725 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, 138, 97)` looks like.

```
.text, #text, p{  
    color:rgb(180, 138, 97)  
}
```

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, 138, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 138, 97) }
```

Border

The CSS property to change the border of an element to XYZ 30.0685, 28.7433, 15.2725 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, 138, 97) }
```


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

```
.border{ border-color:rgb(180, 138, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 138, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 138, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 138, 97);  
box-shadow:4px 4px 4px 4px rgb(180, 138,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0685, 28.7433, 15.2725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 138, 97) }
```

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

```
.background{ background-color: rgb(180,  
138, 97) }
```

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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