

Converting Colors

XYZ(30.3011, 27.7187, 10.1186)

Have a look what the booklet for
XYZ(30.3011, 27.7187, 10.1186)
contains.

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Color

**XYZ(30.1929, 27.6749,
10.0538)**

Conversions

Conversions Part 1

Format	Color
Hex	BC8449
RGB	188, 132, 73
RGB Percent	74%, 52%, 29%
CMY	0.2627, 0.4823, 0.7137
CMYK	0.00, 0.30, 0.61, 0.26
HSL	31°, 46%, 51%
HSV	31°, 61%, 74%
XYZ	30.1929, 27.6749, 10.0538
YIQ	142.0180, 52.3150, -6.4770

Conversions

Conversions Part 2

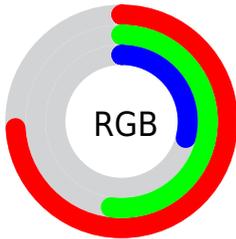
Format	Color
RYB	182, 188, 73
Decimal	12354633
CIELab	59.59, 15.32, 39.94
CIELCh	60, 42.777, 69.007
Yxy	27.6749, 0.4445, 0.4075
Android (android.graphics.Color)	4290544713 (0xFFBC8449)
YUV	142.0180, -34.0259, 40.3262
Hunter-Lab	52.6069, 10.3850, 25.4938

Details

The XYZ color **30.1929, 27.6749, 10.0538** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **19.6746, 20.7469, 50.5443**, and the grayscale version is **25.8348, 27.1802, 29.5993**.

A 20% lighter version of the original color is **59.2819, 55.9021, 26.4046**, and **12.5528, 10.9301, 2.3678** is the 20% darker color. If you saturate the color by 10%, you get **28.4740, 25.0885, 6.8568**, and if you desaturate by 10%, it is **32.2104, 30.5573, 14.2803**.

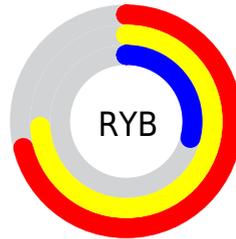
Distribution



Red (74%)

Green (52%)

Blue (29%)



Red (71%)

Yellow (74%)

Blue (29%)

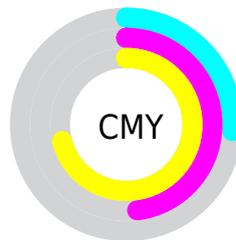


Cyan (0%)

Magenta (30%)

Yellow (61%)

Black (26%)



Cyan (26%)

Magenta (48%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.1929, 27.6749, 10.0538 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 30.1929, 27.6749, 10.0538 by changing the saturation by 10% instead.

 30.1929, 27.6749,
10.0538

 30.1929, 27.6749,
10.0538

294.6963,
290.9102, 201.5544

 20.1339, 18.0807,
5.3286

 59.3516, 55.9650,
26.5060

 12.6012, 11.0080,
2.3792

 79.1820, 75.4297,
39.0701

 7.2296, 6.0722,
0.7751

 103.0003, 98.9534,
55.0843

 3.6537, 2.8890,
0.0000

 131.1717,
126.9204, 74.9670

 1.5082, 1.0741,
0.0000

 164.0616,
159.7152, 99.1368

 0.3314, 0.0000,
0.0000

202.0355,

 0.0000, 0.0000,

197.7222, 128.0123

0.0000

245.4586,
241.3257, 162.0120

■ 30.1929, 27.6749,
10.0538

■ 30.1929, 27.6749,
10.0538

■ 28.4740, 25.0885,
6.8568

■ 32.2104, 30.5573,
14.2803

■ 27.0315, 22.7814,
4.5941

■ 34.5427, 33.7430,
19.6167

■ 25.8422, 20.7408,
3.1555

■ 37.2068, 37.2443,
26.1370

■ 24.9638, 19.1411,
2.3789

■ 40.2178, 41.0710,
33.9085

■ 43.5899, 45.2329,
42.9934

■ 47.3361, 49.7387,
53.4495

■ 51.4691, 54.5974,
65.3314

■ 56.0006, 59.8171,
78.6905

■ 60.9420, 65.4058,
93.5758

Harmonies

Analogous

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



35.2037, 27.6749, 15.0507



30.1929, 27.6749, 10.0538



24.7154, 27.6749, 9.3020

Triad

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



30.1929, 27.6749, 10.0538



17.3414, 27.6749, 35.0211



33.3785, 27.6749, 59.5687

Complementary

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



30.1929, 27.6749, 10.0538



19.6746, 20.7469, 50.5443

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.



27.9596, 27.6749, 69.9629



30.1929, 27.6749, 10.0538



19.0472, 27.6749, 52.9315

Square

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



30.1929, 27.6749, 10.0538



17.7690, 27.6749, 20.7048



22.7645, 27.6749, 67.1889



37.2104, 27.6749, 42.0613

Rectangle

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



30.1929, 27.6749, 10.0538



21.5935, 27.6749, 10.9206



22.7645, 27.6749, 67.1889



31.6545, 27.6749, 64.2420

Sweetspot

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



30.1936, 27.6763, 10.0543



74.5778, 76.5407, 65.9388



27.1846, 17.0818, 23.1601



15.6693, 16.0006, 13.2019



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.



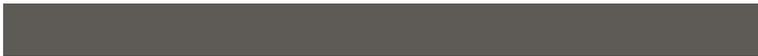
30.1936, 27.6763, 10.0543



50.7630, 44.1516, 11.0157



39.9248, 47.1387, 13.2981



9.9240, 10.3240, 10.0463



17.0714, 13.1817, 1.6446



0.7340, 0.6469, 0.0862

Inverse Universe

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



19.6746, 20.7469, 50.5443



30.1135, 30.5606, 90.5378



14.2075, 9.8127, 48.7220



9.3896, 9.9716, 12.1020



8.8328, 7.7773, 33.4285



0.4115, 0.4357, 1.3313

Previews

White Background



This preview shows how the XYZ color 30.1929, 27.6749, 10.0538 looks on a white background.

Color Contrast Check

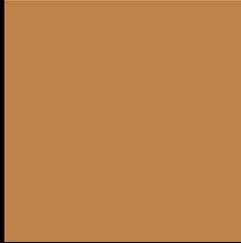
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.1929, 27.6749, 10.0538 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

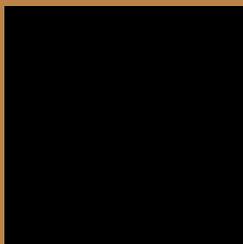
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

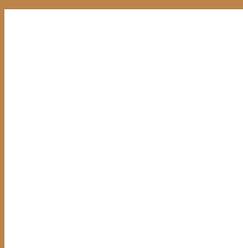
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.1929, 27.6749, 10.0538

Background



This preview shows how black text looks on a background with the XYZ color 30.1929, 27.6749, 10.0538.



This preview shows how white text looks on a background with the XYZ color 30.1929, 27.6749,

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

30.1929, 27.6749, 10.0538

Protanopia

25.4134, 27.7514, 11.0383

Deuteranopia

28.2468, 27.7063, 9.9900



Tritanopia

33.6290, 27.7259, 26.1335

Trichromacy



Original Color

30.1929, 27.6749, 10.0538

Protanomaly

27.0448, 27.7130, 10.7612

Deuteranomaly

28.8897, 27.6196, 9.9394

Tritanomaly

32.1297, 27.6846, 18.9795

Monochromacy



Original Color

30.1929, 27.6749, 10.0538

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

26.5974, 26.8322, 20.6069

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1929, 27.6749, 10.0538 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(188, 132, 73)` looks like.

```
.text, #text, p{  
    color:rgb(188, 132, 73)  
}
```

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(188, 132, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 132, 73) }
```

Border

The CSS property to change the border of an element to XYZ 30.1929, 27.6749, 10.0538 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(188, 132, 73) }
```

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

```
.border{ border-color:rgb(188, 132, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 132, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 132, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 132, 73);  
box-shadow:4px 4px 4px 4px rgb(188, 132,  
73) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1929, 27.6749, 10.0538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 132, 73) }
```

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

```
.background{ background-color: rgb(188,  
132, 73) }
```

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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