

Converting Colors

XYZ(30.7225, 27.9441, 10.2531)

Have a look what the booklet for
XYZ(30.7225, 27.9441, 10.2531)
contains.

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Color

**XYZ(30.7225, 27.9441,
10.2531)**

Conversions

Conversions Part 1

Format	Color
Hex	BE844A
RGB	190, 132, 74
RGB Percent	75%, 52%, 29%
CMY	0.2549, 0.4823, 0.7098
CMYK	0.00, 0.31, 0.61, 0.25
HSL	30°, 47%, 52%
HSV	30°, 61%, 75%
XYZ	30.7225, 27.9441, 10.2531
YIQ	142.7300, 53.1860, -5.7420

Conversions

Conversions Part 2

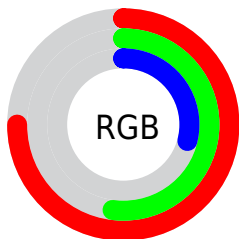
Format	Color
R _Y B	190, 190, 74
Decimal	12485706
CIE Lab	59.84, 16.25, 39.77
CIE LCh	60, 42.959, 67.767
Yxy	27.9441, 0.4458, 0.4055
Android (android.graphics.Color)	4290675786 (0xFFBE844A)
YUV	142.7300, -33.8839, 41.4558
Hunter-Lab	52.8622, 11.2320, 25.5037

Details

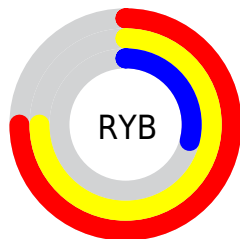
The XYZ color **30.7225, 27.9441, 10.2531** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **20.3691, 21.6751, 51.8251**, and the grayscale version is **26.1173, 27.4775, 29.9230**.

A 20% lighter version of the original color is **60.0540, 56.2929, 26.7692**, and **12.8766, 11.0957, 2.4403** is the 20% darker color. If you saturate the color by 10%, you get **28.9466, 25.2666, 6.9660**, and if you desaturate by 10%, it is **32.8104, 30.9363, 14.5984**.

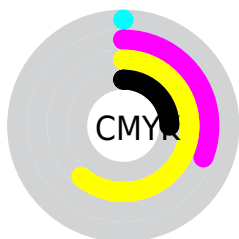
Distribution



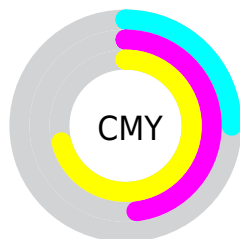
- Red (75%)
- Green (52%)
- Blue (29%)



- Red (75%)
- Yellow (75%)
- Blue (29%)



- Cyan (0%)
- Magenta (31%)
- Yellow (61%)
- Black (25%)





- Cyan (25%)
- Magenta (48%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.7225, 27.9441, 10.2531 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 30.7225, 27.9441, 10.2531 by changing the saturation by 10% instead.


 30.7225, 27.9441,
10.2531


 30.7225, 27.9441,
10.2531


297.1076,
292.1997, 203.0191


 20.5384, 18.2835,
5.4593


 60.1817, 56.3952,
26.8857

 12.8976, 11.1537,
2.4558


 80.1876, 75.9545,
39.5616


 7.4346, 6.1703,
0.8166


 104.1981, 99.5821,
55.7019

 3.7841, 2.9489,
0.0000

 132.5786,
127.6626, 75.7252

 1.5807, 1.1051,
0.0000

 165.6944,
160.5801, 100.0500

 0.3798, 0.0000,
0.0000

203.9110,

 0.0000, 0.0000,

198.7193, 129.0949

0.0000

247.5936,
242.4643, 163.2784

■ 30.7225, 27.9441,
10.2531

■ 30.7225, 27.9441,
10.2531

■ 28.9466, 25.2666,
6.9660

■ 32.8104, 30.9363,
14.5984

■ 27.4594, 22.8863,
4.6394

■ 35.2270, 34.2514,
20.0843

■ 26.2372, 20.7894,
3.1603

■ 37.9901, 37.9022,
26.7869

■ 25.3279, 19.1328,
2.3581

■ 41.1154, 41.8994,
34.7753

■ 44.6175, 46.2533,
44.1131

■ 48.5101, 50.9735,
54.8600

■ 52.8063, 56.0692,
67.0717

■ 57.5184, 61.5495,
80.8013

■ 62.6582, 67.4227,
96.0988

Harmonies

Analogous

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



35.7276, 27.9441, 15.5073



30.7225, 27.9441, 10.2531



25.1699, 27.9441, 9.3354

Triad

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



30.7225, 27.9441, 10.2531



17.4770, 27.9441, 34.6617



33.5033, 27.9441, 60.8236

Complementary

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



30.7225, 27.9441, 10.2531



20.3691, 21.6751, 51.8251

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.



28.0004, 27.9441, 70.8633



30.7225, 27.9441, 10.2531



19.1124, 27.9441, 52.7369

Square

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



30.7225, 27.9441, 10.2531



17.9984, 27.9441, 20.4312



22.7916, 27.9441, 67.4842



37.4798, 27.9441, 43.2429

Rectangle

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



30.7225, 27.9441, 10.2531



21.9743, 27.9441, 10.8571



22.7916, 27.9441, 67.4842



31.7431, 27.9441, 65.4246

Sweetspot

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



30.7232, 27.9455, 10.2536



76.1898, 78.0406, 67.4396



27.8489, 17.5109, 23.7422



16.3364, 16.6419, 13.7735



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



30.7232, 27.9455, 10.2536



51.5576, 44.3796, 11.1251



40.8845, 48.2682, 13.6408



9.9137, 10.3033, 10.0429



16.9203, 12.8793, 1.5942



0.7282, 0.6354, 0.0843

Inverse Universe

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



20.3691, 21.6751, 51.8251



31.2097, 32.0570, 92.8218



14.5673, 10.0714, 49.8911



9.3999, 9.9922, 12.1055



8.9793, 8.0703, 33.4774



0.4172, 0.4470, 1.3331

Previews

White Background



This preview shows how the XYZ color 30.7225, 27.9441, 10.2531 looks on a white background.

Color Contrast Check

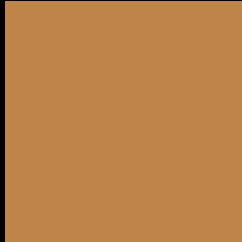
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.7225, 27.9441, 10.2531 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 30.7225, 27.9441, 10.2531

Background



This preview shows how black text looks on a background with the XYZ color 30.7225, 27.9441, 10.2531.



This preview shows how white text looks on a background with the XYZ color 30.7225, 27.9441,

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

30.7225, 27.9441, 10.2531

Protanopia

25.7986, 28.1718, 11.2857

Deuteranopia

28.6512, 28.1230, 10.2215



Tritanopia

33.8848, 27.8578, 26.1454

Trichromacy



Original Color

30.7225, 27.9441, 10.2531

Protanomaly

27.2952, 27.8380, 10.9558

Deuteranomaly

29.2982, 28.0344, 10.1703

Tritanomaly

32.6361, 27.9457, 19.0032

Monochromacy



Original Color

30.7225, 27.9441, 10.2531

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.9998, 27.2468, 20.9757

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.7225, 27.9441, 10.2531 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(190, 132, 74)` looks like.

```
.text, #text, p{  
    color:rgb(190, 132, 74)  
}
```

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(190, 132, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 132, 74) }
```

Border

The CSS property to change the border of an element to XYZ 30.7225, 27.9441, 10.2531 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(190, 132, 74) }
```


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

```
.border{ border-color:rgb(190, 132, 74) }
```

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

Here you see how a box with a 4 pixel rgb(190, 132, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 132, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 132, 74);  
box-shadow:4px 4px 4px 4px rgb(190, 132,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 30.7225, 27.9441, 10.2531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 132, 74) }
```

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

```
.background{ background-color: rgb(190,  
132, 74) }
```

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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