

Converting Colors

XYZ(29.4848, 24.4251, 13.0580)

Have a look what the booklet for
XYZ(29.4848, 24.4251, 13.0580)
contains.

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Color

**XYZ(29.4848, 24.4251,
13.0580)**

Conversions

Conversions Part 1

Format	Color
Hex	BE755B
RGB	190, 117, 91
RGB Percent	75%, 46%, 36%
CMY	0.2549, 0.5412, 0.6431
CMYK	0.00, 0.38, 0.52, 0.25
HSL	16°, 43%, 55%
HSV	16°, 52%, 75%
XYZ	29.4848, 24.4251, 13.0580
YIQ	135.8630, 51.8540, 7.3900

Conversions

Conversions Part 2

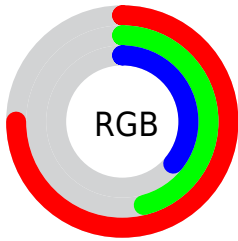
Format	Color
R_{YB}	190, 126, 91
Decimal	12481883
CIE _{Lab}	56.51, 25.93, 26.39
CIE _{LCh}	57, 36.994, 45.509
Yxy	24.4251, 0.4403, 0.3647
Android (android.graphics.Color)	4290671963 (0xFFBE755B)
YUV	135.8630, -22.1175, 47.4781
Hunter-Lab	49.4218, 20.0042, 18.9299

Details

The XYZ color **29.4848, 24.4251, 13.0580** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **26.8832, 32.4910, 53.5694**, and the grayscale version is **23.4176, 24.6372, 26.8299**.

A 20% lighter version of the original color is **58.2494, 50.8123, 31.9370**, and **12.2136, 9.3103, 3.6360** is the 20% darker color. If you saturate the color by 10%, you get **27.2547, 21.1148, 8.7702**, and if you desaturate by 10%, it is **32.1679, 28.3095, 18.5210**.

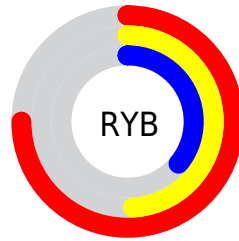
Distribution



Red (75%)

Green (46%)

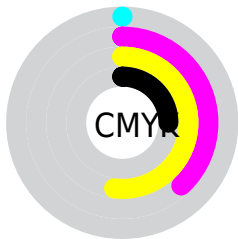
Blue (36%)



Red (75%)

Yellow (49%)

Blue (36%)

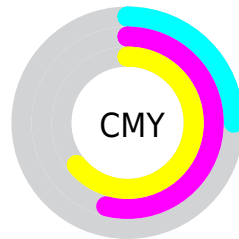


Cyan (0%)

Magenta (38%)

Yellow (52%)

Black (25%)



Cyan (25%)

Magenta (54%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.4848, 24.4251, 13.0580 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 29.4848, 24.4251, 13.0580 by changing the saturation by 10% instead.

■ 29.4848, 24.4251,
13.0580

■ 29.4848, 24.4251,
13.0580

291.4487,
274.9627, 222.5099

■ 19.5940, 15.6493,
7.3373

■ 58.2387, 50.7230,
32.1007

■ 12.2068, 9.2763,
3.5923

■ 77.8325, 69.0139,
46.2597

■ 6.9579, 4.9218,
1.4045

■ 101.3913, 91.2452,
64.0686

■ 3.4819, 2.2015,
0.1452

■ 129.2806,
117.8014, 85.9459

■ 1.4134, 0.7208,
0.0000

161.8656,
149.0669, 112.3101

■ 0.2658, 0.0000,
0.0000

199.5117,

■ 0.0000, 0.0000,

185.4259, 143.5799

0.0000

242.5843,
227.2631, 180.1736

■ 29.4848, 24.4251,
13.0580

■ 29.4848, 24.4251,
13.0580

■ 27.2547, 21.1148,
8.7702

■ 32.1679, 28.3095,
18.5210

■ 25.4490, 18.3468,
5.5683

■ 35.3266, 32.7902,
25.2364

■ 24.0384, 16.0918,
3.3525

■ 38.9842, 37.8928,
33.2767

■ 22.9884, 14.3158,
2.0036

■ 43.1618, 43.6404,
42.7082

■ 22.3718, 13.2205,
1.3727

■ 47.8793, 50.0546,
53.5928

■ 53.1553, 57.1563,
65.9887

■ 59.0078, 64.9651,
79.9510

■ 65.4538, 73.5002,
95.5317

■ 71.3619, 82.3207,
106.7360

Harmonies

Analogous

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



32.0991, 24.4251, 20.7682



29.4848, 24.4251, 13.0580



25.3397, 24.4251, 9.6602

Triad

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



29.4848, 24.4251, 13.0580



16.1137, 24.4251, 21.1139



25.4901, 24.4251, 56.4472

Complementary

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



29.4848, 24.4251, 13.0580



26.8832, 32.4910, 53.5694

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.



21.2131, 24.4251, 56.6268



29.4848, 24.4251, 13.0580



16.1435, 24.4251, 33.4204

Square

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



29.4848, 24.4251, 13.0580



17.8172, 24.4251, 13.2436



17.9042, 24.4251, 47.2419



29.6065, 24.4251, 46.8079

Rectangle

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



29.4848, 24.4251, 13.0580



22.4328, 24.4251, 9.3370



17.9042, 24.4251, 47.2419



24.0158, 24.4251, 57.6960

Sweetspot

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



29.4854, 24.4263, 13.0585



74.9541, 74.6117, 69.9798



31.7906, 21.1551, 38.1245



16.1137, 15.9085, 14.5872



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.



29.4854, 24.4263, 13.0585



48.7049, 37.2277, 14.6341



36.6237, 38.7029, 15.4379



9.7285, 9.9330, 9.9812



14.9316, 8.9020, 0.9313



0.6403, 0.4596, 0.0550

Inverse Universe

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



26.8832, 32.4910, 53.5694



43.3802, 53.3313, 96.2867



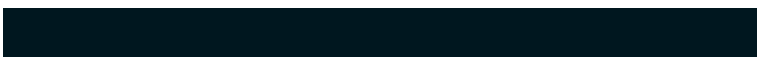
19.8254, 18.3752, 51.2168



9.5908, 10.3738, 12.1691



12.4916, 15.0948, 34.6481



0.5399, 0.6924, 1.3740

Previews

White Background



This preview shows how the XYZ color 29.4848, 24.4251, 13.0580 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 29.4848, 24.4251, 13.0580 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 29.4848, 24.4251, 13.0580

Background



This preview shows how black text looks on a background with the XYZ color 29.4848, 24.4251, 13.0580.



This preview shows how white text looks on a background with the XYZ color 29.4848, 24.4251,

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

29.4848, 24.4251, 13.0580

Protanopia

22.9104, 24.6202, 15.3490

Deuteranopia

25.0539, 24.5624, 12.6530



Tritanopia

31.0945, 24.3972, 21.1594

Trichromacy



Original Color

29.4848, 24.4251, 13.0580

Protanomaly

24.8619, 24.2264, 14.4321

Deuteranomaly

26.3704, 24.2727, 12.7464

Tritanomaly

30.3176, 24.2368, 17.8321

Monochromacy



Original Color

29.4848, 24.4251, 13.0580

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

24.9507, 24.1245, 21.1107

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.4848, 24.4251, 13.0580 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, 117, 91)` looks like.

```
.text, #text, p{  
    color:rgb(190, 117, 91)  
}
```

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, 117, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 117, 91) }
```

Border

The CSS property to change the border of an element to XYZ 29.4848, 24.4251, 13.0580 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, 117, 91) }
```


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

```
.border{ border-color:rgb(190, 117, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 117, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 117, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 117, 91);  
box-shadow:4px 4px 4px 4px rgb(190, 117,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 29.4848, 24.4251, 13.0580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 117, 91) }
```

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

```
.background{ background-color: rgb(190,  
117, 91) }
```

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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