

Converting Colors

XYZ(29.1218, 25.0230, 14.1322)

Have a look what the booklet for
XYZ(29.1218, 25.0230, 14.1322)
contains.

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Color

**XYZ(29.2748, 25.1844,
14.1446)**

Conversions

Conversions Part 1

Format	Color
Hex	BA7A5F
RGB	186, 122, 95
RGB Percent	73%, 48%, 37%
CMY	0.2706, 0.5215, 0.6274
CMYK	0.00, 0.34, 0.49, 0.27
HSL	18°, 40%, 55%
HSV	18°, 49%, 73%
XYZ	29.2748, 25.1844, 14.1446
YIQ	138.0580, 46.8110, 5.1710

Conversions

Conversions Part 2

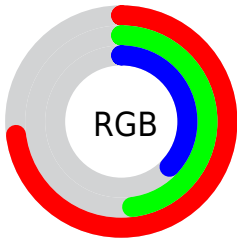
Format	Color
R_{YB}	186, 133, 95
Decimal	12221023
CIE _{Lab}	57.25, 21.91, 25.01
CIE _{LCh}	57, 33.252, 48.774
Yxy	25.1844, 0.4267, 0.3671
Android (android.graphics.Color)	4290411103 (0xFFBA7A5F)
YUV	138.0580, -21.2276, 42.0451
Hunter-Lab	50.1841, 16.3056, 18.4177

Details

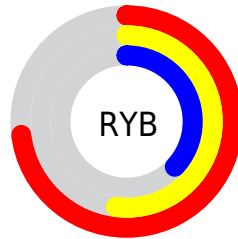
The XYZ color **29.2748, 25.1844, 14.1446** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **25.9798, 30.7730, 51.0248**, and the grayscale version is **24.2461, 25.5088, 27.7791**.

A 20% lighter version of the original color is **57.8265, 51.9684, 34.1772**, and **12.1220, 9.7243, 4.0344** is the 20% darker color. If you saturate the color by 10%, you get **27.0288, 21.8877, 9.7110**, and if you desaturate by 10%, it is **31.9402, 28.9967, 19.7143**.

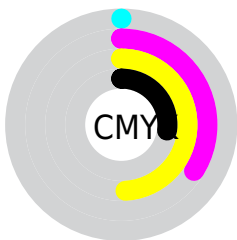
Distribution



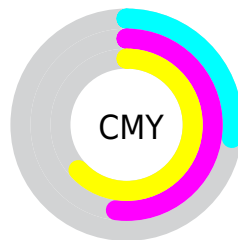
- Red (73%)
- Green (48%)
- Blue (37%)



- Red (73%)
- Yellow (52%)
- Blue (37%)



- Cyan (0%)
- Magenta (34%)
- Yellow (49%)
- Black (27%)




- Cyan (27%)
- Magenta (52%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.2748, 25.1844, 14.1446 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 29.2748, 25.1844, 14.1446 by changing the saturation by 10% instead.

 29.2748, 25.1844,
14.1446


 29.2748, 25.1844,
14.1446

290.4802,
278.7550, 229.5882


 19.4341, 16.2145,
8.0814


 57.9079, 51.9562,
34.0662

 12.0902, 9.6761,
4.0586


 77.4311, 70.5269,
48.7617

 6.8778, 5.1847,
1.6575


 100.9125, 93.0667,
67.1717

 3.4314, 2.3560,
0.3314

 128.7175,
119.9599, 89.7147

 1.3858, 0.8031,
0.0000

161.2114,
151.5909, 116.8093

 0.2461, 0.0000,
0.0000

198.7596,

 0.0000, 0.0000,

188.3442, 148.8741

0.0000

241.7274,
230.6041, 186.3275

■ 29.2748, 25.1844,
14.1446

■ 29.2748, 25.1844,
14.1446

■ 27.0288, 21.8877,
9.7110

■ 31.9402, 28.9967,
19.7143

■ 25.1770, 19.0799,
6.3323

■ 35.0442, 33.3424,
26.4907

■ 23.6944, 16.7373,
3.9188


■ 38.6074, 38.2429,
34.5403


■ 22.5517, 14.8326,
2.3646


■ 42.6481, 43.7173,
43.9243


■ 21.7042, 13.3306,
1.4866


■ 47.1837, 49.7836,
54.6999

 21.6252, 13.1901,
1.4062

 52.2308, 56.4594,
66.9210

 57.8051, 63.7610,
80.6385

 63.9216, 71.7047,
95.9010

 69.3800, 79.8197,
106.3578

Harmonies

Analogous

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



31.8348, 25.1844, 21.0250



29.2748, 25.1844, 14.1446



25.4396, 25.1844, 11.1914

Triad

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



29.2748, 25.1844, 14.1446



17.2591, 25.1844, 23.4176



26.4543, 25.1844, 53.4637

Complementary

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



29.2748, 25.1844, 14.1446



25.9798, 30.7730, 51.0248

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.



22.4948, 25.1844, 54.6237



29.2748, 25.1844, 14.1446



17.4671, 25.1844, 34.9993

Square

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



29.2748, 25.1844, 14.1446



18.6878, 25.1844, 15.4814



19.2910, 25.1844, 47.1496



30.0873, 25.1844, 44.3148

Rectangle

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



29.2748, 25.1844, 14.1446



22.8019, 25.1844, 11.1031



19.2910, 25.1844, 47.1496



25.1092, 25.1844, 54.8789

Sweetspot

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



29.2754, 25.1856, 14.1451



72.5683, 72.8425, 68.5720



30.7061, 21.1694, 35.8250



15.6488, 15.5899, 14.3346



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.



29.2754, 25.1856, 14.1451



48.6052, 39.0962, 16.8699



36.0031, 38.6409, 16.3876



9.2160, 9.4350, 9.4423



14.6066, 8.9896, 0.9653



0.5706, 0.4283, 0.0526

Inverse Universe

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



25.9798, 30.7730, 51.0248



41.8618, 50.3293, 91.7096



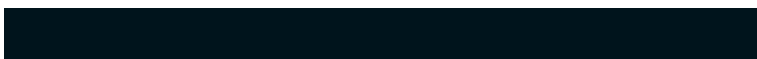
19.6809, 18.1753, 48.9251



9.0356, 9.7484, 11.4848



11.4731, 13.4058, 33.2360



0.4556, 0.5748, 1.1887

Previews

White Background



This preview shows how the XYZ color 29.2748, 25.1844, 14.1446 looks on a white background.

Color Contrast Check

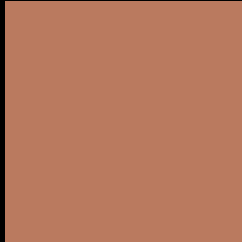
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.2748, 25.1844, 14.1446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

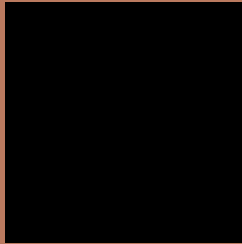
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.2748, 25.1844, 14.1446

Background



This preview shows how black text looks on a background with the XYZ color 29.2748, 25.1844, 14.1446.



This preview shows how white text looks on a background with the XYZ color 29.2748, 25.1844,

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

29.2748, 25.1844, 14.1446

Protanopia

23.6995, 25.4322, 16.2302

Deuteranopia

25.7441, 25.2922, 13.8809



Tritanopia

31.2955, 25.3080, 23.3142

Trichromacy



Original Color

29.2748, 25.1844, 14.1446

Protanomaly

25.4037, 25.0848, 15.3073

Deuteranomaly

26.9731, 25.1307, 14.0188

Tritanomaly

30.4304, 25.1228, 19.4650

Monochromacy



Original Color

29.2748, 25.1844, 14.1446

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

25.2817, 24.8762, 21.8815

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2748, 25.1844, 14.1446 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(186, 122, 95)` looks like.

```
.text, #text, p{  
    color:rgb(186, 122, 95)  
}
```

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(186, 122, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 122, 95) }
```

Border

The CSS property to change the border of an element to XYZ 29.2748, 25.1844, 14.1446 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(186, 122, 95) }
```


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

```
.border{ border-color:rgb(186, 122, 95) }
```

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

Here you see how a box with a 4 pixel rgb(186, 122, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 122, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 122, 95);  
box-shadow:4px 4px 4px 4px rgb(186, 122,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2748, 25.1844, 14.1446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 122, 95) }
```

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

```
.background{ background-color: rgb(186,  
122, 95) }
```

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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