

Converting Colors

XYZ(31.3586, 29.4242, 14.6163)

Have a look what the booklet for
XYZ(31.3586, 29.4242, 14.6163)
contains.

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Color

**XYZ(31.3586, 29.4242,
14.6163)**

Conversions

Conversions Part 1

Format	Color
Hex	BA8A5E
RGB	186, 138, 94
RGB Percent	73%, 54%, 37%
CMY	0.2706, 0.4588, 0.6314
CMYK	0.00, 0.26, 0.49, 0.27
HSL	29°, 40%, 55%
HSV	29°, 49%, 73%
XYZ	31.3586, 29.4242, 14.6163
YIQ	147.3360, 42.7320, -3.5080

Conversions

Conversions Part 2

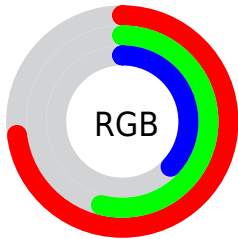
Format	Color
RYB	186, 178, 94
Decimal	12225118
CIELab	61.15, 12.93, 30.62
CIELCh	61, 33.239, 67.099
Yxy	29.4242, 0.4159, 0.3902
Android (android.graphics.Color)	4290415198 (0xFFBA8A5E)
YUV	147.3360, -26.2946, 33.9083
Hunter-Lab	54.2441, 8.2640, 21.9949

Details

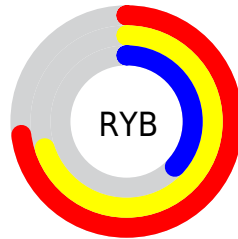
The XYZ color **31.3586, 29.4242, 14.6163** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **23.1516, 25.2699, 50.1118**, and the grayscale version is **27.9661, 29.4225, 32.0411**.

A 20% lighter version of the original color is **61.0499, 58.5390, 34.8696**, and **13.2087, 11.9305, 4.2960** is the 20% darker color. If you saturate the color by 10%, you get **29.2920, 26.4697, 10.2942**, and if you desaturate by 10%, it is **33.7522, 32.7108, 20.0402**.

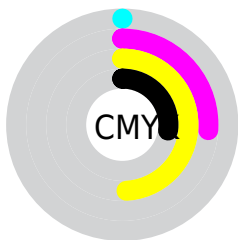
Distribution



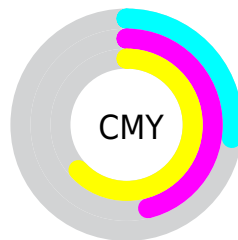
- Red (73%)
- Green (54%)
- Blue (37%)



- Red (73%)
- Yellow (70%)
- Blue (37%)



- Cyan (0%)
- Magenta (26%)
- Yellow (49%)
- Black (27%)



- Cyan (27%)
- Magenta (46%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.3586, 29.4242, 14.6163 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 31.3586, 29.4242, 14.6163 by changing the saturation by 10% instead.


 31.3586, 29.4242,
14.6163


 31.3586, 29.4242,
14.6163


299.9845,
299.2112, 232.5921

 21.0252, 19.4020,
8.4069


 61.1762, 58.7504,
34.9114

 13.2550, 11.9611,
4.2649


 81.3912, 78.8231,
49.8341

 7.6826, 6.7172,
1.7718


 105.6307,
103.0148, 68.4984

 3.9426, 3.2859,
0.4092

 134.2602,
131.7098, 91.3228

 1.6697, 1.2827,
0.0000

167.6449,
165.2926, 118.7259

 0.4372, 0.1278,
0.0000

206.1503,

 0.0000, 0.0000,

204.1475, 151.1261

0.0000

250.1417,
248.6589, 188.9420

■ 31.3586, 29.4242,
14.6163

■ 31.3586, 29.4242,
14.6163

■ 29.2920, 26.4697,
10.2942

■ 33.7522, 32.7108,
20.0402

■ 27.5323, 23.8306,
6.9936

■ 36.4869, 36.3368,
26.6350

■ 26.0602, 21.4951,
4.6262

■ 39.5786, 40.3144,
34.4658

■ 24.8524, 19.4481,
3.0873

■ 43.0414, 44.6540,
43.5927

■ 23.8683, 17.6674,
2.1809

■ 46.8887, 49.3654,
54.0716

■ 23.8192, 17.5780,
2.1375

■ 51.1328, 54.4578,
65.9553

■ 55.7859, 59.9405,
79.2937

■ 60.8593, 65.8220,
94.1341

■ 65.3160, 71.6916,
105.0031

Harmonies

Analogous

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



35.2026, 29.4242, 19.6252



31.3586, 29.4242, 14.6163



26.9432, 29.4242, 13.6268

Triad

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



31.3586, 29.4242, 14.6163



20.4434, 29.4242, 35.0986



33.3362, 29.4242, 55.2642

Complementary

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



31.3586, 29.4242, 14.6163



23.1516, 25.2699, 50.1118

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.



29.0160, 29.4242, 62.2677



31.3586, 29.4242, 14.6163



21.7974, 29.4242, 48.8175

Square

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



31.3586, 29.4242, 14.6163



20.9314, 29.4242, 23.5716



24.8289, 29.4242, 59.6441



36.4247, 29.4242, 42.3217

Rectangle

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



31.3586, 29.4242, 14.6163



24.3181, 29.4242, 15.0614



24.8289, 29.4242, 59.6441



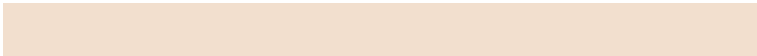
31.9634, 29.4242, 58.5260

Sweetspot

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



31.3593, 29.4256, 14.6169



74.2998, 76.3055, 69.1492



29.2156, 20.4300, 28.4169



16.0751, 16.4425, 14.4767



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.



31.3593, 29.4256, 14.6169



52.9161, 47.7178, 18.3069



39.1899, 45.0868, 17.2271



9.3494, 9.7018, 9.4868



16.0990, 11.9743, 1.4628



0.6296, 0.5462, 0.0722

Inverse Universe

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



23.1516, 25.2699, 50.1118



36.3597, 39.3251, 89.8756



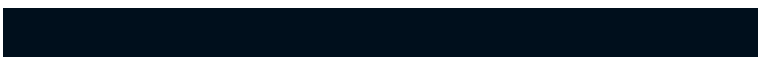
17.7601, 14.4869, 48.3146



8.8983, 9.4738, 11.4391



8.9163, 8.2922, 32.3837



0.3759, 0.4155, 1.1621

Previews

White Background



This preview shows how the XYZ color 31.3586, 29.4242, 14.6163 looks on a white background.

Color Contrast Check

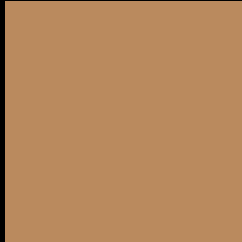
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.3586, 29.4242, 14.6163 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 31.3586, 29.4242, 14.6163

Background



This preview shows how black text looks on a background with the XYZ color 31.3586, 29.4242, 14.6163.



This preview shows how white text looks on a background with the XYZ color 31.3586, 29.4242,

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

31.3586, 29.4242, 14.6163

Protanopia

27.4925, 29.6387, 15.8271

Deuteranopia

29.8608, 29.3050, 14.4385



Tritanopia

34.3690, 29.4027, 29.4550

Trichromacy



Original Color

31.3586, 29.4242, 14.6163

Protanomaly

28.7085, 29.3556, 15.4624

Deuteranomaly

30.4099, 29.3702, 14.4222

Tritanomaly

33.2130, 29.3497, 23.3166

Monochromacy



Original Color

31.3586, 29.4242, 14.6163

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

28.5675, 29.0821, 24.5298

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.3586, 29.4242, 14.6163 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, 138, 94)` looks like.

```
.text, #text, p{  
    color:rgb(186, 138, 94)  
}
```

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, 138, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 138, 94) }
```

Border

The CSS property to change the border of an element to XYZ 31.3586, 29.4242, 14.6163 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, 138, 94) }
```


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

```
.border{ border-color:rgb(186, 138, 94) }
```

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

Here you see how a box with a 4 pixel rgb(186, 138, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 138, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 138, 94);  
box-shadow:4px 4px 4px 4px rgb(186, 138,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 31.3586, 29.4242, 14.6163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 138, 94) }
```

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

```
.background{ background-color: rgb(186,  
138, 94) }
```

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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