

Converting Colors

XYZ(37.5289, 32.6603, 14.8317)

Have a look what the booklet for
XYZ(37.5289, 32.6603, 14.8317)
contains.

XYZ(37.4034, 32.5404, 14.8992)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(37.4034, 32.5404,
14.8992)**

Conversions

Conversions Part 1

Format	Color
Hex	D18A5E
RGB	209, 138, 94
RGB Percent	82%, 54%, 37%
CMY	0.1804, 0.4588, 0.6314
CMYK	0.00, 0.34, 0.55, 0.18
HSL	23°, 56%, 59%
HSV	23°, 55%, 82%
XYZ	37.4034, 32.5404, 14.8992
YIQ	154.2130, 56.4400, 1.3680

Conversions

Conversions Part 2

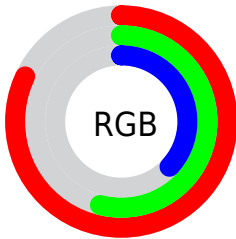
Format	Color
RYB	209, 165, 94
Decimal	13732446
CIELab	63.79, 22.49, 34.50
CIElCh	64, 41.188, 56.896
Yxy	32.5404, 0.4409, 0.3835
Android (android.graphics.Color)	4291922526 (0xFFD18A5E)
YUV	154.2130, -29.6850, 48.0482
Hunter-Lab	57.0442, 17.2136, 24.4452

Details

The XYZ color **37.4034, 32.5404, 14.8992** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **29.5792, 33.8919, 65.3043**, and the grayscale version is **30.9185, 32.5286, 35.4237**.

A 20% lighter version of the original color is **65.2005, 61.0036, 35.1265**, and **16.7454, 13.7560, 4.3574** is the 20% darker color. If you saturate the color by 10%, you get **34.8471, 28.7310, 10.0300**, and if you desaturate by 10%, it is **40.4351, 36.8945, 21.1801**.

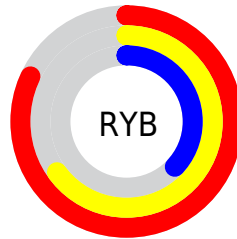
Distribution



Red (82%)

Green (54%)

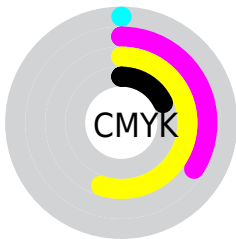
Blue (37%)



Red (82%)

Yellow (65%)

Blue (37%)

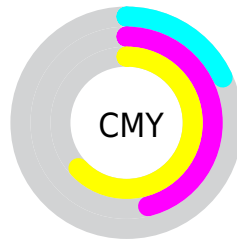


Cyan (0%)

Magenta (34%)

Yellow (55%)

Black (18%)



Cyan (18%)


Magenta (46%)


Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.4034, 32.5404, 14.8992 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 37.4034, 32.5404, 14.8992 by changing the saturation by 10% instead.


 37.4034, 32.5404,
14.8992


 37.4034, 32.5404,
14.8992


326.3790,
313.5736, 234.3750

 25.6951, 21.7746,
8.6028


 70.5026, 63.6573,
35.4160

 16.7272, 13.6914,
4.3898


 92.6242, 84.7772,
50.4736

 10.1342, 7.9063,
1.8415


 118.9476,
110.1173, 69.2887

 5.5510, 4.0351,
0.4551

 149.8381,
140.0619, 92.2797

 2.6121, 1.6932,
0.0000

185.6612,
174.9954, 119.8654

 0.9521, 0.4192,
0.0000

226.7821,

 0.0000, 0.0000,

215.3023, 152.4641

0.0000

273.5663,
261.3669, 190.4945

■ 37.4034, 32.5404,
14.8992

■ 37.4034, 32.5404,
14.8992

■ 34.8471, 28.7310,
10.0300

■ 40.4351, 36.8945,
21.1801

■ 32.7351, 25.4377,
6.4573

■ 43.9659, 41.8105,
28.9716

■ 31.0359, 22.6360,
4.0507

■ 48.0204, 47.3106,
38.3657

■ 29.7109, 20.2969,
2.6505

■ 52.6208, 53.4144,
49.4465

■ 29.1612, 19.2888,
2.1861

■ 57.7879, 60.1405,
62.2923

■ 63.5414, 67.5066,
76.9762

■ 69.9000, 75.5296,
93.5675

■ 75.8668, 83.8200,
106.7880

■ 79.8272, 91.7408,
108.1082

Harmonies

Analogous

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



41.9351, 32.5404, 22.8962



37.4034, 32.5404, 14.8992



31.5343, 32.5404, 12.2067

Triad

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



37.4034, 32.5404, 14.8992



21.1067, 32.5404, 33.7355



36.2329, 32.5404, 72.0664

Complementary

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



37.4034, 32.5404, 14.8992



29.5792, 33.8919, 65.3043

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.



30.3309, 32.5404, 77.6565



37.4034, 32.5404, 14.8992



22.0392, 32.5404, 51.8657

Square

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



37.4034, 32.5404, 14.8992



22.5227, 32.5404, 20.7369



25.2479, 32.5404, 69.3353



41.2023, 32.5404, 55.8096

Rectangle

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



37.4034, 32.5404, 14.8992



27.8101, 32.5404, 12.8705



25.2479, 32.5404, 69.3353



34.2720, 32.5404, 75.4388

Sweetspot

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



37.4042, 32.5420, 14.8998



80.8884, 81.6136, 73.5458



37.2570, 24.3448, 39.2141



16.9928, 17.0447, 14.9647



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



37.4042, 32.5420, 14.8998



54.0308, 44.1087, 14.6188



47.5326, 52.7989, 18.2760



12.1743, 12.5392, 12.3907



18.0684, 12.0699, 1.3774



1.0861, 0.8265, 0.1023

Inverse Universe

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



29.5792, 33.8919, 65.3043



40.4962, 46.3192, 101.4139



21.6292, 17.9920, 62.6543



11.7626, 12.6155, 15.0587



12.0361, 12.7189, 39.0131



0.7484, 0.8620, 2.2065

Previews

White Background



This preview shows how the XYZ color 37.4034, 32.5404, 14.8992 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 37.4034, 32.5404, 14.8992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

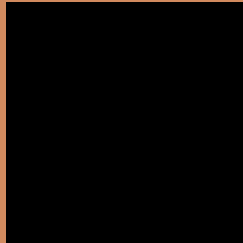
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.4034, 32.5404, 14.8992

Background



This preview shows how black text looks on a background with the XYZ color 37.4034, 32.5404, 14.8992.



This preview shows how white text looks on a background with the XYZ color 37.4034, 32.5404,

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

37.4034, 32.5404, 14.8992

Protanopia

30.1700, 32.6876, 16.7758

Deuteranopia

33.2607, 32.6439, 14.6731



Tritanopia

40.5743, 32.6017, 29.7454

Trichromacy



Original Color

37.4034, 32.5404, 14.8992

Protanomaly

32.4805, 32.4440, 16.1057

Deuteranomaly

34.7140, 32.4726, 14.7941

Tritanomaly

39.3781, 32.5279, 23.6051

Monochromacy



Original Color

37.4034, 32.5404, 14.8992

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

32.2103, 31.8444, 26.2787

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.4034, 32.5404, 14.8992 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(209, 138, 94)` looks like.

```
.text, #text, p{  
    color:rgb(209, 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(209, 138, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 138, 94) }
```

Border

The CSS property to change the border of an element to XYZ 37.4034, 32.5404, 14.8992 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(209, 138, 94) }
```


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

```
.border{ border-color:rgb(209, 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(209, 138, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 138, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 138, 94);  
box-shadow:4px 4px 4px 4px rgb(209, 138,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 37.4034, 32.5404, 14.8992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 138, 94) }
```

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

```
.background{ background-color: rgb(209,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor