

Converting Colors

XYZ(33.9409, 24.8949, 14.5717)

Have a look what the booklet for
XYZ(33.9409, 24.8949, 14.5717)
contains.

XYZ(33.9370, 24.8915, 14.5711)	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(33.9370, 24.8915,
14.5711)**

Conversions

Conversions Part 1

Format	Color
Hex	D26A62
RGB	210, 106, 98
RGB Percent	82%, 42%, 38%
CMY	0.1765, 0.5843, 0.6157
CMYK	0.00, 0.50, 0.53, 0.18
HSL	4°, 55%, 60%
HSV	4°, 53%, 82%
XYZ	33.9370, 24.8915, 14.5711
YIQ	136.1840, 64.5520, 19.5600

Conversions

Conversions Part 2

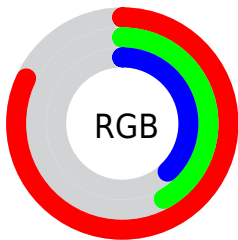
Format	Color
R_{YB}	210, 107, 98
Decimal	13789794
CIE _{Lab}	56.97, 40.19, 23.51
CIE _{LCh}	57, 46.564, 30.325
Yxy	24.8915, 0.4624, 0.3391
Android (android.graphics.Color)	4291979874 (0xFFD26A62)
YUV	136.1840, -18.8247, 64.7366
Hunter-Lab	49.8914, 34.1089, 17.6079

Details

The XYZ color **33.9370, 24.8915, 14.5711** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **37.7892, 49.4883, 68.5332**, and the grayscale version is **23.5228, 24.7478, 26.9504**.

A 20% lighter version of the original color is **59.0630, 48.2262, 34.6294**, and **14.7262, 9.5507, 4.1993** is the 20% darker color. If you saturate the color by 10%, you get **31.2863, 20.9743, 9.4208**, and if you desaturate by 10%, it is **37.3058, 29.8290, 21.2443**.

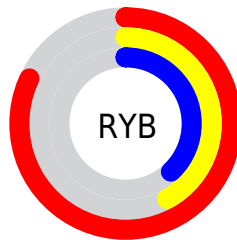
Distribution



Red (82%)

Green (42%)

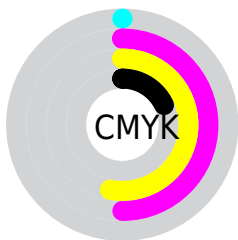
Blue (38%)



Red (82%)

Yellow (42%)

Blue (38%)

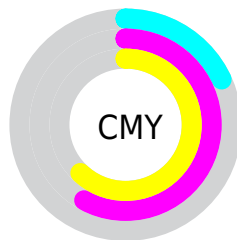


Cyan (0%)

Magenta (50%)

Yellow (53%)

Black (18%)



Cyan (18%)


Magenta (58%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.9370, 24.8915, 14.5711 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 33.9370, 24.8915, 14.5711 by changing the saturation by 10% instead.

 33.9370, 24.8915,
14.5711


 33.9370, 24.8915,
14.5711


311.4419,
277.2972, 232.3060

 23.0079, 15.9962,
8.3757


 65.1806, 51.4812,
34.8306

 14.7200, 9.5215,
4.2451


 86.2258, 69.9443,
49.7317

 8.7082, 5.0829,
1.7607


 111.3738, 92.3656,
68.3718

 4.6069, 2.2960,
0.4019

 140.9898,
119.1294, 91.1694

 2.0509, 0.7716,
0.0000

175.4393,
150.6200, 118.5431

 0.6623, 0.0000,
0.0000

215.0875,

 0.0000, 0.0000,

187.2219, 150.9114

0.0000

260.3000,
229.3195, 188.6928

■ 33.9370, 24.8915,
14.5711

■ 33.9370, 24.8915,
14.5711

■ 31.2863, 20.9743,
9.4208

■ 37.3058, 29.8290,
21.2443

■ 29.2998, 18.0024,
5.6720

■ 41.4380, 35.8471,
29.5464

■ 27.9187, 15.8970,
3.1871

■ 46.3771, 43.0062,
39.5752

■ 27.0731, 14.5643,
1.7998

■ 52.1628, 51.3609,
51.4207

■ 26.7493, 14.0436,
1.3008

■ 58.8323, 60.9623,
65.1665

■ 66.4206, 71.8588,
80.8909

■ 74.9607, 84.0959,
98.6680

■ 80.3883, 92.4416,
108.2138

Harmonies

Analogous

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



35.7984, 24.8915, 26.9325



33.9370, 24.8915, 14.5711



29.2514, 24.8915, 8.4630

Triad

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



33.9370, 24.8915, 14.5711



15.6531, 24.8915, 14.7672



23.7182, 24.8915, 69.7067

Complementary

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



33.9370, 24.8915, 14.5711



37.7892, 49.4883, 68.5332

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.



18.8284, 24.8915, 62.5579



33.9370, 24.8915, 14.5711



14.6300, 24.8915, 27.2735

Square

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



33.9370, 24.8915, 14.5711



18.7400, 24.8915, 8.5417



15.6983, 24.8915, 45.3127



29.3703, 24.8915, 62.2606

Rectangle

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



33.9370, 24.8915, 14.5711



25.4689, 24.8915, 6.9445



15.6983, 24.8915, 45.3127



21.9362, 24.8915, 68.9071

Sweetspot

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



33.9376, 24.8928, 14.5715



78.2460, 75.8109, 74.2613



41.6700, 26.7267, 59.1712



16.3413, 15.6398, 15.0620



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.



33.9376, 24.8928, 14.5715



48.0597, 31.8225, 13.6888



41.6096, 40.2367, 17.1289



11.8756, 11.9420, 12.2912



16.3442, 8.6215, 0.8027



0.9381, 0.5306, 0.0530

Inverse Universe

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



37.7892, 49.4883, 68.5332



54.5946, 73.7869, 105.9726



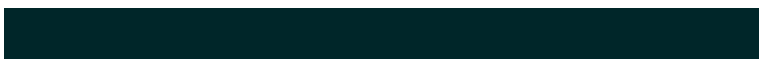
27.0313, 27.9726, 64.9472



12.0830, 13.2564, 15.1655



19.0298, 26.7061, 41.3443



1.0862, 1.5375, 2.3191

Previews

White Background



This preview shows how the XYZ color 33.9370, 24.8915, 14.5711 looks on a white background.

Color Contrast Check

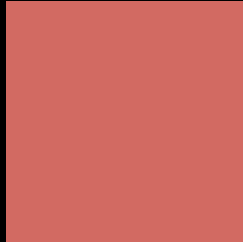
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.9370, 24.8915, 14.5711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

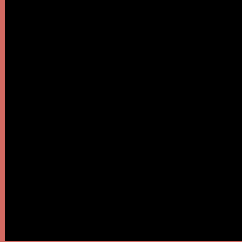
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 33.9370, 24.8915, 14.5711

Background



This preview shows how black text looks on a background with the XYZ color 33.9370, 24.8915, 14.5711.



This preview shows how white text looks on a background with the XYZ color 33.9370, 24.8915,

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

33.9370, 24.8915, 14.5711

Protanopia

23.5473, 25.0809, 18.9293

Deuteranopia

25.4465, 24.9333, 14.0611



Tritanopia

34.6835, 24.8972, 18.0165

Trichromacy



Original Color

33.9370, 24.8915, 14.5711

Protanomaly

26.4769, 24.4183, 17.2276

Deuteranomaly

28.0811, 24.5690, 14.0887

Tritanomaly

34.5171, 24.9926, 16.6405

Monochromacy



Original Color

33.9370, 24.8915, 14.5711

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

25.9507, 23.8589, 21.6498

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.9370, 24.8915, 14.5711 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(210, 106, 98)` looks like.

```
.text, #text, p{  
    color:rgb(210, 106, 98)  
}
```

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(210, 106, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 106, 98) }
```

Border

The CSS property to change the border of an element to XYZ 33.9370, 24.8915, 14.5711 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(210, 106, 98) }
```


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

```
.border{ border-color:rgb(210, 106, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 106, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 106, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 106, 98);  
box-shadow:4px 4px 4px 4px rgb(210, 106,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 33.9370, 24.8915, 14.5711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 106, 98) }
```

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

```
.background{ background-color: rgb(210,  
106, 98) }
```

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