

Converting Colors

XYZ(33.3261, 24.8919, 13.4762)

Have a look what the booklet for
XYZ(33.3261, 24.8919, 13.4762)
contains.

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Color

**XYZ(33.3508, 24.9253,
13.4092)**

Conversions

Conversions Part 1

Format	Color
Hex	D06C5D
RGB	208, 108, 93
RGB Percent	82%, 42%, 36%
CMY	0.1843, 0.5764, 0.6353
CMYK	0.00, 0.48, 0.55, 0.18
HSL	8°, 55%, 59%
HSV	8°, 55%, 82%
XYZ	33.3508, 24.9253, 13.4092
YIQ	136.1900, 64.4150, 16.5350

Conversions

Conversions Part 2

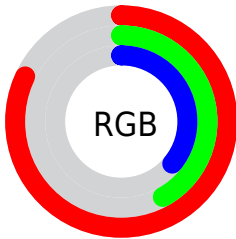
Format	Color
R_{YB}	208, 110, 93
Decimal	13659229
CIE _{Lab}	57.00, 38.00, 26.36
CIE _{LCh}	57, 46.246, 34.753
Yxy	24.9253, 0.4652, 0.3477
Android (android.graphics.Color)	4291849309 (0xFFD06C5D)
YUV	136.1900, -21.2927, 62.9774
Hunter-Lab	49.9252, 31.8715, 19.0232

Details

The XYZ color **33.3508, 24.9253, 13.4092** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **34.9682, 45.0189, 66.5209**, and the grayscale version is **23.5340, 24.7596, 26.9633**.

A 20% lighter version of the original color is **58.9428, 48.7329, 32.2864**, and **14.3706, 9.5211, 3.7697** is the 20% darker color. If you saturate the color by 10%, you get **30.8381, 21.1792, 8.6280**, and if you desaturate by 10%, it is **36.5110, 29.5655, 19.6426**.

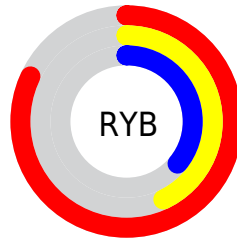
Distribution



Red (82%)

Green (42%)

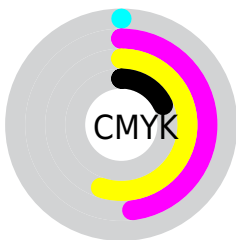
Blue (36%)



Red (82%)

Yellow (43%)

Blue (36%)

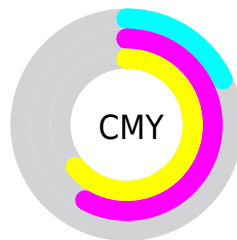


Cyan (0%)

Magenta (48%)

Yellow (55%)

Black (18%)



Cyan (18%)


Magenta (58%)

Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.3508, 24.9253, 13.4092 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 33.3508, 24.9253, 13.4092 by changing the saturation by 10% instead.


 33.3508, 24.9253,
13.4092


 33.3508, 24.9253,
13.4092


308.8646,
277.4657, 224.8229


 22.5558, 16.0214,
7.5769


 64.2738, 51.5360,
32.7389

 14.3848, 9.5393,
3.7416


 85.1326, 70.0116,
47.0734

 8.4723, 5.0946,
1.4847


 110.0768, 92.4466,
65.0790

 4.4529, 2.3029,
0.2065

 139.4716,
119.2253, 87.1743

 1.9614, 0.7752,
0.0000

173.6824,
150.7322, 113.7777

 0.6122, 0.0000,
0.0000

213.0746,

 0.0000, 0.0000,

187.3516, 145.3080

0.0000

258.0136,
229.4680, 182.1836

■ 33.3508, 24.9253,
13.4092

■ 33.3508, 24.9253,
13.4092

■ 30.8381, 21.1792,
8.6280

■ 36.5110, 29.5655,
19.6426

■ 28.9255, 18.2657,
5.1796

■ 40.3577, 35.1484,
27.4319

■ 27.5619, 16.1217,
2.9280

■ 44.9294, 41.7237,
36.8726

■ 26.6868, 14.6727,
1.7070

■ 50.2608, 49.3364,
48.0524

■ 26.4075, 14.2002,
1.3491

■ 56.3844, 58.0289,
61.0528

■ 63.3310, 67.8410,
75.9498

■ 71.1297, 78.8107,
92.8156

■ 79.0911, 90.6874,
107.9436

■ 79.8224, 92.1499,
108.1874

Harmonies

Analogous

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



35.6991, 24.9253, 24.7355



33.3508, 24.9253, 13.4092



28.4310, 24.9253, 8.0780

Triad

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



33.3508, 24.9253, 13.4092



15.4434, 24.9253, 16.2752



24.5668, 24.9253, 69.1990

Complementary

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



33.3508, 24.9253, 13.4092



34.9682, 45.0189, 66.5209

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.



19.5090, 24.9253, 64.1839



33.3508, 24.9253, 13.4092



14.7315, 24.9253, 29.6942

Square

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



33.3508, 24.9253, 13.4092



18.2215, 24.9253, 9.2341



16.1033, 24.9253, 48.0126



30.1577, 24.9253, 59.8840

Rectangle

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



33.3508, 24.9253, 13.4092



24.6589, 24.9253, 6.9202



16.1033, 24.9253, 48.0126



22.7483, 24.9253, 69.1570

Sweetspot

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



33.3514, 24.9266, 13.4096



77.9714, 75.7796, 72.5735



39.7301, 25.1600, 54.1455



16.3103, 15.6798, 14.7372



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.



33.3514, 24.9266, 13.4096



48.3805, 32.8081, 12.7354



41.2488, 40.7214, 16.0421



11.9313, 12.0533, 12.3097



16.4985, 8.9301, 0.8541



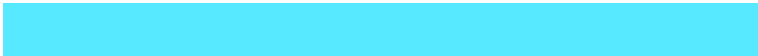
0.9643, 0.5829, 0.0617

Inverse Universe

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



34.9682, 45.0189, 66.5209



51.1028, 67.5324, 104.9494



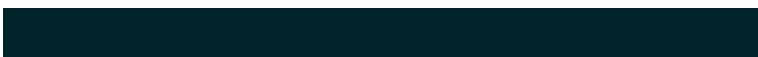
24.8570, 24.7964, 63.1505



12.0213, 13.1329, 15.1450



17.4273, 23.5011, 40.8102



1.0119, 1.3890, 2.2943

Previews

White Background



This preview shows how the XYZ color 33.3508, 24.9253, 13.4092 looks on a white background.

Color Contrast Check

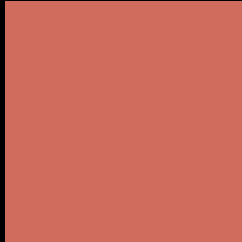
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.3508, 24.9253, 13.4092 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 33.3508, 24.9253, 13.4092

Background



This preview shows how black text looks on a background with the XYZ color 33.3508, 24.9253, 13.4092.



This preview shows how white text looks on a background with the XYZ color 33.3508, 24.9253,

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

33.3508, 24.9253, 13.4092

Protanopia

23.5281, 25.1143, 16.9721

Deuteranopia

25.4365, 24.9532, 12.9270



Tritanopia

34.3267, 24.8507, 18.6102

Trichromacy



Original Color

33.3508, 24.9253, 13.4092

Protanomaly

26.1720, 24.2963, 15.6222

Deuteranomaly

27.9845, 24.7279, 12.9709

Tritanomaly

34.0500, 24.9040, 16.6480

Monochromacy



Original Color

33.3508, 24.9253, 13.4092

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

25.7513, 23.9592, 21.0366

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.3508, 24.9253, 13.4092 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(208, 108, 93)` looks like.

```
.text, #text, p{  
    color:rgb(208, 108, 93)  
}
```

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(208, 108, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 108, 93) }
```

Border

The CSS property to change the border of an element to XYZ 33.3508, 24.9253, 13.4092 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(208, 108, 93) }
```


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

```
.border{ border-color:rgb(208, 108, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 108, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 108, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 108, 93);  
box-shadow:4px 4px 4px 4px rgb(208, 108,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 33.3508, 24.9253, 13.4092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 108, 93) }
```

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

```
.background{ background-color: rgb(208,  
108, 93) }
```

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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