

Converting Colors

XYZ(30.4413, 33.8074, 29.7320)

Have a look what the booklet for
XYZ(30.4413, 33.8074, 29.7320)
contains.

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Color

**XYZ(30.4413, 33.8074,
29.7320)**

Conversions

Conversions Part 1

Format	Color
Hex	99A08C
RGB	153, 160, 140
RGB Percent	60%, 63%, 55%
CMY	0.4000, 0.3725, 0.4510
CMYK	0.04, 0.00, 0.13, 0.37
HSL	81°, 10%, 59%
HSV	81°, 13%, 63%
XYZ	30.4413, 33.8074, 29.7320
YIQ	155.6270, 2.2480, -7.7040

Conversions

Conversions Part 2

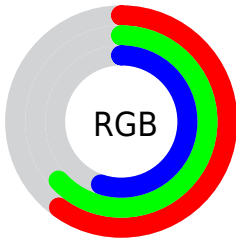
Format	Color
R_{YB}	140, 160, 147
Decimal	10068108
CIE Lab	64.81, -6.22, 9.57
CIE LCh	65, 11.418, 123.024
Yxy	33.8074, 0.3239, 0.3597
Android (android.graphics.Color)	4288258188 (0xFF99A08C)
YUV	155.6270, -7.7041, -2.3039
Hunter-Lab	58.1441, -8.2987, 10.3830

Details

The XYZ color **30.4413, 33.8074, 29.7320** is a light color, and the websafe version is hex **999999**. A complement of this color would be **27.7573, 27.4982, 37.1043**, and the grayscale version is **31.4671, 33.1058, 36.0522**.

A 20% lighter version of the original color is **59.7702, 65.7613, 60.5819**, and **12.7936, 14.5002, 11.7974** is the 20% darker color. If you saturate the color by 10%, you get **28.3139, 32.8382, 23.9152**, and if you desaturate by 10%, it is **32.7918, 34.8738, 36.4562**.

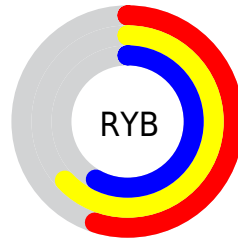
Distribution



Red (60%)

Green (63%)

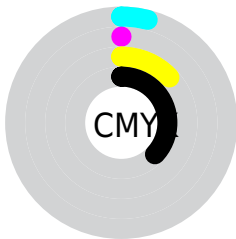
Blue (55%)



Red (55%)

Yellow (63%)

Blue (58%)

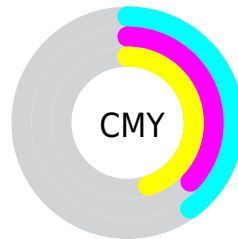


Cyan (4%)

Magenta (0%)

Yellow (13%)

Black (37%)



Cyan (40%)

Magenta (37%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.4413, 33.8074, 29.7320 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 30.4413, 33.8074, 29.7320 by changing the saturation by 10% instead.

■ 30.4413, 33.8074,
29.7320

■ 30.4413, 33.8074,
29.7320

295.8291,
319.2724, 314.8216

■ 20.3235, 22.7457,
19.3849

■ 59.7412, 65.6340,
60.2941

■ 12.7401, 14.4058,
11.7691

■ 79.6541, 87.1678,
81.3462

■ 7.3256, 8.4035,
6.4660

■ 103.5627,
112.9609, 106.8037

■ 3.7147, 4.3542,
3.0571

131.8324,
143.3980, 137.0852

■ 1.5420, 1.8736,
1.1239

164.8285,
178.8632, 172.6092

■ 0.3541, 0.5324,
0.0000

202.9164,

■ 0.0000, 0.0000,

219.7411, 213.7942

0.0000

246.4615,
266.4160, 261.0588

■ 30.4413, 33.8074,
29.7320

■ 30.4413, 33.8074,
29.7320

■ 28.3139, 32.8382,
23.9152

■ 32.7918, 34.8738,
36.4562

■ 26.3987, 31.9585,
18.9647

■ 35.3703, 36.0360,
44.1222

■ 24.6882, 31.1662,
14.8397

■ 38.1847, 37.2985,
52.7652

■ 23.1730, 30.4576,
11.4950

■ 41.2421, 38.6642,
62.4178

■ 21.8431, 29.8285,
8.8811

■ 44.5489, 40.1356,
73.1114

■ 20.6872, 29.2743,
6.9429

■ 48.1114, 41.7154,
84.8759

■ 19.6927, 28.7899,
5.6176

■ 51.9357, 43.4062,
97.7398

■ 18.8446, 28.3692,
4.8304

■ 53.8621, 44.3440,
100.3281

■ 18.2785, 28.0851,
4.4576

■ 55.3645, 45.1185,
100.3985

Harmonies

Analogous

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



31.9665, 33.8074, 28.4925



30.4413, 33.8074, 29.7320



29.3982, 33.8074, 32.8560

Triad

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



30.4413, 33.8074, 29.7320



30.7207, 33.8074, 45.4794



35.3930, 33.8074, 36.3351

Complementary

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



30.4413, 33.8074, 29.7320



27.7573, 27.4982, 37.1043

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.



35.0322, 33.8074, 41.0702



30.4413, 33.8074, 29.7320



32.2999, 33.8074, 46.6078

Square

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



30.4413, 33.8074, 29.7320



29.5556, 33.8074, 41.9663



33.8861, 33.8074, 44.9318



34.8559, 33.8074, 32.0953

Rectangle

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



30.4413, 33.8074, 29.7320



29.0972, 33.8074, 35.7223



33.8861, 33.8074, 44.9318



35.3727, 33.8074, 37.9206

Sweetspot

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



30.4422, 33.8089, 29.7327



58.8378, 63.0010, 64.1550



29.6658, 30.2356, 29.0839



12.8349, 13.7858, 13.8698



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



30.4422, 33.8089, 29.7327



54.1542, 60.8756, 50.8760



28.6332, 32.8763, 29.6481



6.9446, 7.6041, 7.0874



14.2867, 21.9018, 3.4745



0.2996, 0.4143, 0.0642

Inverse Universe

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



27.7573, 27.4982, 37.1043



48.3048, 47.1264, 66.9369



29.6291, 28.4632, 37.1919



6.4929, 6.5426, 8.3273



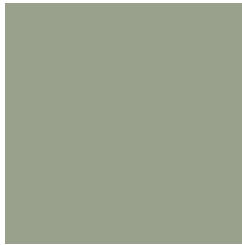
6.2581, 2.6552, 26.0899



0.1554, 0.0699, 0.4685

Previews

White Background



This preview shows how the XYZ color 30.4413, 33.8074, 29.7320 looks on a white background.

Color Contrast Check

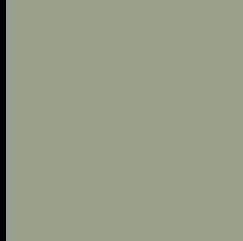
Large Text (above 18pt) WCAG AA × Fail

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 30.4413, 33.8074, 29.7320 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

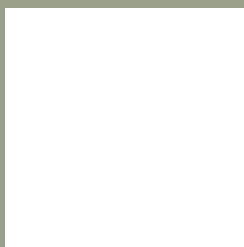
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.4413, 33.8074, 29.7320

Background



This preview shows how black text looks on a background with the XYZ color 30.4413, 33.8074, 29.7320.



This preview shows how white text looks on a background with the XYZ color 30.4413, 33.8074,

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

30.4413, 33.8074, 29.7320

Protanopia

31.9543, 33.8414, 28.8926

Deuteranopia

34.3092, 33.5512, 30.2589



Tritanopia

32.8610, 33.7722, 41.8325

Trichromacy



Original Color

30.4413, 33.8074, 29.7320

Protanomaly

31.3843, 33.7914, 29.2944

Deuteranomaly

32.7255, 33.4693, 29.9347

Tritanomaly

31.9388, 33.6505, 37.1596

Monochromacy



Original Color

30.4413, 33.8074, 29.7320

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.0796, 33.2845, 33.6406

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4413, 33.8074, 29.7320 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(153, 160, 140)` looks like.

```
.text, #text, p{  
    color:rgb(153, 160, 140)  
}
```

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(153, 160, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 160, 140) }
```

Border

The CSS property to change the border of an element to XYZ 30.4413, 33.8074, 29.7320 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(153, 160, 140) }
```


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

```
.border{ border-color:rgb(153, 160, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 160, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 160, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 160, 140);  
box-shadow:4px 4px 4px 4px rgb(153, 160,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4413, 33.8074, 29.7320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 160, 140) }
```

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

```
.background{ background-color: rgb(153,  
160, 140) }
```

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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