

Converting Colors

XYZ(39.3968, 38.3324, 31.0108)

Have a look what the booklet for
XYZ(39.3968, 38.3324, 31.0108)
contains.

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Color

**XYZ(39.4456, 38.4321,
30.9303)**

Conversions

Conversions Part 1

Format	Color
Hex	C1A08E
RGB	193, 160, 142
RGB Percent	76%, 63%, 56%
CMY	0.2431, 0.3725, 0.4431
CMYK	0.00, 0.17, 0.26, 0.24
HSL	21°, 29%, 66%
HSV	21°, 26%, 76%
XYZ	39.4456, 38.4321, 30.9303
YIQ	167.8150, 25.4460, 1.3980

Conversions

Conversions Part 2

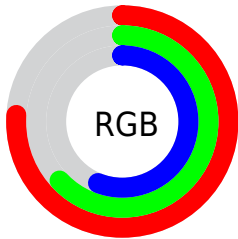
Format	Color
R _{YB}	193, 170, 142
Decimal	12689550
CIE Lab	68.34, 9.43, 13.94
CIE LCh	68, 16.827, 55.917
Yxy	38.4321, 0.3625, 0.3532
Android (android.graphics.Color)	4290879630 (0xFFC1A08E)
YUV	167.8150, -12.7268, 22.0872
Hunter-Lab	61.9936, 5.0880, 13.8142

Details

The XYZ color **39.4456, 38.4321, 30.9303** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **36.1105, 40.2597, 56.3198**, and the grayscale version is **37.1813, 39.1176, 42.5990**.

A 20% lighter version of the original color is **73.6886, 72.9104, 62.4139**, and **18.0479, 17.1990, 12.4937** is the 20% darker color. If you saturate the color by 10%, you get **36.0633, 33.7891, 23.2622**, and if you desaturate by 10%, it is **43.2983, 43.6139, 39.9939**.

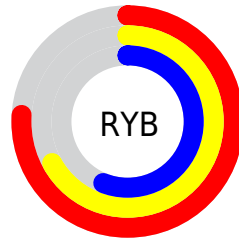
Distribution



Red (76%)

Green (63%)

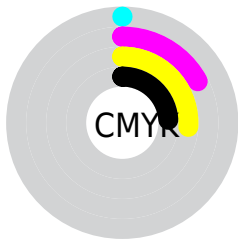
Blue (56%)



Red (76%)

Yellow (67%)

Blue (56%)

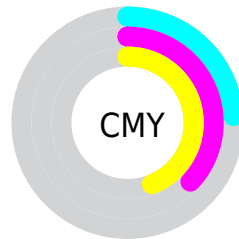


Cyan (0%)

Magenta (17%)

Yellow (26%)

Black (24%)



Cyan (24%)


Magenta (37%)


Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.4456, 38.4321, 30.9303 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 39.4456, 38.4321, 30.9303 by changing the saturation by 10% instead.


 39.4456, 38.4321,
30.9303


 39.4456, 38.4321,
30.9303


334.9559,
339.4699, 320.5583


 27.2888, 26.3182,
20.2878


 73.6083, 72.7700,
62.2086

 17.9280, 17.0619,
12.4182


 96.3449, 95.7627,
83.6815

 10.9977, 10.2786,
6.9032


 123.3388,
123.1506, 109.6015

 6.1325, 5.5841,
3.3241

154.9555,
155.3179, 140.3873

 2.9673, 2.5939,
1.2624

191.5601,
192.6491, 176.4573

 1.1365, 0.9236,
0.0307

233.5182,

 0.0553, 0.0000,

235.5286, 218.2301

0.0000

281.1950,
284.3407, 266.1243

0.0000, 0.0000,
0.0000

39.4456, 38.4321,
30.9303

39.4456, 38.4321,
30.9303

36.0633, 33.7891,
23.2622

43.2983, 43.6139,
39.9939

33.1291, 29.6616,
16.9170

47.6364, 49.3462,
50.5159

30.6232, 26.0325,
11.8190

52.4782, 55.6470,
62.5582

28.5230, 22.8813,
7.8841

57.8397, 62.5319,
76.1783

26.8034, 20.1862,
5.0172

63.7366, 70.0158,
91.4307

■ 25.4363, 17.9234,
3.1080

■ 69.7292, 77.9312,
105.9749

■ 24.3864, 16.0651,
2.0137

■ 73.4292, 85.3311,
107.2082

■ 24.0676, 15.4879,
1.7210

■ 75.8024, 90.0775,
107.9992

Harmonies

Analogous

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



41.2836, 38.4321, 35.8123



39.4456, 38.4321, 30.9303



36.8909, 38.4321, 28.9636

Triad

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



39.4456, 38.4321, 30.9303



31.6988, 38.4321, 40.8201



38.7908, 38.4321, 56.3197

Complementary

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



39.4456, 38.4321, 30.9303



36.1105, 40.2597, 56.3198

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.



36.1686, 38.4321, 58.0737



39.4456, 38.4321, 30.9303



32.1534, 38.4321, 48.5221

Square

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



39.4456, 38.4321, 30.9303



32.4863, 38.4321, 34.2214



33.7590, 38.4321, 55.0682



40.8929, 38.4321, 50.5266

Rectangle

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



39.4456, 38.4321, 30.9303



35.1550, 38.4321, 29.3725



33.7590, 38.4321, 55.0682



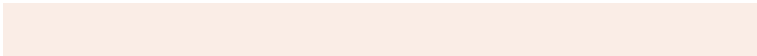
37.9374, 38.4321, 57.4290

Sweetspot

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



39.4466, 38.4339, 30.9311



83.9328, 86.5620, 87.0796



39.4182, 33.7849, 45.0786



17.7459, 18.2276, 18.0454



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



39.4466, 38.4339, 30.9311



66.8690, 63.6677, 46.7612



44.2973, 48.1352, 32.5480



10.3576, 10.6467, 10.5710



16.0765, 10.4387, 1.1676



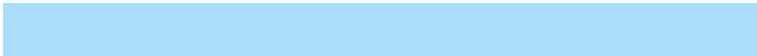
0.7599, 0.5816, 0.0722

Inverse Universe

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



36.1105, 40.2597, 56.3198



59.8361, 67.5015, 100.2357



31.6319, 31.3027, 54.8270



10.0597, 10.8107, 12.8413



11.3462, 12.4488, 35.3615



0.5531, 0.6636, 1.5488

Previews

White Background



This preview shows how the XYZ color 39.4456, 38.4321, 30.9303 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 39.4456, 38.4321, 30.9303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

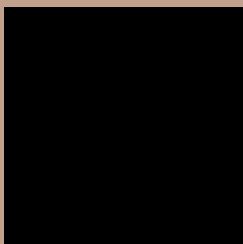
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.4456, 38.4321, 30.9303

Background



This preview shows how black text looks on a background with the XYZ color 39.4456, 38.4321, 30.9303.



This preview shows how white text looks on a background with the XYZ color 39.4456, 38.4321,

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

39.4456, 38.4321, 30.9303

Protanopia

36.4262, 38.4307, 32.2861

Deuteranopia

39.3656, 38.6492, 30.9764



Tritanopia

41.7213, 38.3398, 42.2472

Trichromacy



Original Color

39.4456, 38.4321, 30.9303

Protanomaly

37.6009, 38.5096, 31.8369

Deuteranomaly

39.3656, 38.6492, 30.9764

Tritanomaly

40.8207, 38.2192, 38.0265

Monochromacy



Original Color

39.4456, 38.4321, 30.9303

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.8446, 38.7606, 38.2878

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4456, 38.4321, 30.9303 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(193, 160, 142)` looks like.

```
.text, #text, p{  
    color:rgb(193, 160, 142)  
}
```

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(193, 160, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 160, 142) }
```

Border

The CSS property to change the border of an element to XYZ 39.4456, 38.4321, 30.9303 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(193, 160, 142) }
```


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

```
.border{ border-color:rgb(193, 160, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 160, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 160, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 160, 142);  
box-shadow:4px 4px 4px 4px rgb(193, 160,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4456, 38.4321, 30.9303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 160, 142) }
```

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

```
.background{ background-color: rgb(193,  
160, 142) }
```

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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