

Converting Colors

XYZ(39.1928, 37.8316, 30.1442)

Have a look what the booklet for
XYZ(39.1928, 37.8316, 30.1442)
contains.

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Color

**XYZ(39.2086, 37.8165,
30.0437)**

Conversions

Conversions Part 1

Format	Color
Hex	C29E8C
RGB	194, 158, 140
RGB Percent	76%, 62%, 55%
CMY	0.2392, 0.3804, 0.4510
CMYK	0.00, 0.19, 0.28, 0.24
HSL	20°, 31%, 65%
HSV	20°, 28%, 76%
XYZ	39.2086, 37.8165, 30.0437
YIQ	166.7120, 27.2340, 2.0340

Conversions

Conversions Part 2

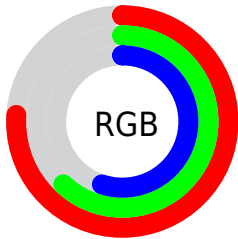
Format	Color
R_{YB}	194, 167, 140
Decimal	12754572
CIE Lab	67.89, 10.63, 14.42
CIE LCh	68, 17.920, 53.605
Yxy	37.8165, 0.3662, 0.3532
Android (android.graphics.Color)	4290944652 (0xFFC29E8C)
YUV	166.7120, -13.1690, 23.9316
Hunter-Lab	61.4951, 6.1931, 14.0802

Details

The XYZ color **39.2086, 37.8165, 30.0437** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **36.0777, 40.5199, 56.9587**, and the grayscale version is **36.6440, 38.5524, 41.9835**.

A 20% lighter version of the original color is **73.3155, 71.9928, 61.0708**, and **17.7506, 16.7425, 11.9689** is the 20% darker color. If you saturate the color by 10%, you get **35.8115, 33.1132, 22.4652**, and if you desaturate by 10%, it is **43.0921, 43.0885, 39.0294**.

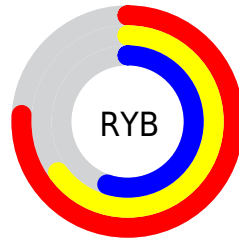
Distribution



Red (76%)

Green (62%)

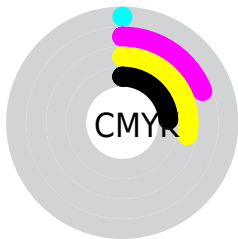
Blue (55%)



Red (76%)

Yellow (65%)

Blue (55%)

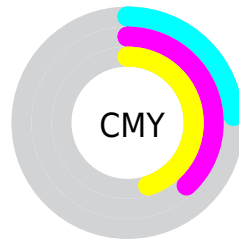


Cyan (0%)

Magenta (19%)

Yellow (28%)

Black (24%)



Cyan (24%)


Magenta (38%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.2086, 37.8165, 30.0437 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 39.2086, 37.8165, 30.0437 by changing the saturation by 10% instead.


 39.2086, 37.8165,
30.0437

 39.2086, 37.8165,
30.0437


333.9685,
336.8321, 316.3217


 27.1035, 25.8403,
19.6194


 73.2489, 71.8268,
60.7931

 17.7880, 16.7042,
11.9374


 95.9148, 94.6297,
81.9553

 10.8966, 10.0238,
6.5790


 122.8317,
121.8102, 107.5339

 6.0641, 5.4148,
3.1258

154.3650,
153.7529, 137.9475

 2.9252, 2.4926,
1.1592

190.8799,
190.8420, 173.6145

 1.1143, 0.8729,
0.0000

232.7419,

 0.0370, 0.0000,

233.4620, 214.9535

0.0000

280.3163,
281.9972, 262.3831

■ 0.0000, 0.0000,
0.0000

■ 39.2086, 37.8165,
30.0437

■ 39.2086, 37.8165,
30.0437

■ 35.8115, 33.1132,
22.4652

■ 43.0921, 43.0885,
39.0294

■ 32.8774, 28.9537,
16.2194

■ 47.4780, 48.9424,
49.4870

■ 30.3854, 25.3191,
11.2286

■ 52.3855, 55.3979,
61.4797

■ 28.3114, 22.1869,
7.4057

■ 57.8315, 62.4716,
75.0666

■ 26.6290, 19.5333,
4.6524

■ 63.8325, 70.1800,
90.3035

■ 25.3080, 17.3317,
2.8540

■ 70.1775, 78.4480,
106.0510

■ 24.3071, 15.5504,
1.8410

■ 74.0282, 86.1494,
107.3345

■ 24.1202, 15.2135,
1.6652

■ 76.0582, 90.2094,
108.0112

Harmonies

Analogous

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



41.0662, 37.8165, 35.3462



39.2086, 37.8165, 30.0437



36.5420, 37.8165, 27.7616

Triad

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



39.2086, 37.8165, 30.0437



30.8898, 37.8165, 39.4943



38.1261, 37.8165, 56.8530

Complementary

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



39.2086, 37.8165, 30.0437



36.0777, 40.5199, 56.9587

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.



35.3515, 37.8165, 58.3355



39.2086, 37.8165, 30.0437



31.2654, 37.8165, 47.6135

Square

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



39.2086, 37.8165, 30.0437



31.8110, 37.8165, 32.7456



32.8648, 37.8165, 54.7652



40.4191, 37.8165, 50.9412

Rectangle

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



39.2086, 37.8165, 30.0437



34.7010, 37.8165, 28.0194



32.8648, 37.8165, 54.7652



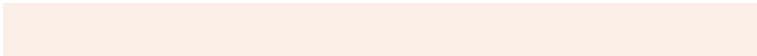
37.2152, 37.8165, 57.9150

Sweetspot

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



39.2096, 37.8182, 30.0445



85.7725, 88.3459, 89.0650



39.4630, 33.3605, 45.4339



18.5041, 18.9765, 18.8319



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.



39.2096, 37.8182, 30.0445



67.4303, 63.5444, 46.3171



44.3309, 48.0609, 31.7516



10.3415, 10.6144, 10.5656



15.9264, 10.1385, 1.1175



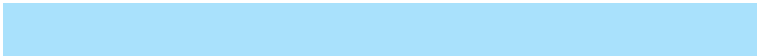
0.7523, 0.5664, 0.0697

Inverse Universe

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



36.0777, 40.5199, 56.9587



60.8719, 69.1820, 102.6150



31.3006, 30.9658, 55.3663



10.0765, 10.8443, 12.8469



11.6691, 13.0946, 35.4691



0.5654, 0.6882, 1.5529

Previews

White Background



This preview shows how the XYZ color 39.2086, 37.8165, 30.0437 looks on a white background.

Color Contrast Check

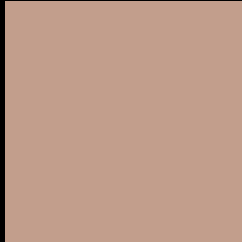
Large Text (above 18pt) WCAG AA × Fail

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 39.2086, 37.8165, 30.0437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

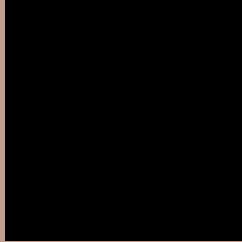
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.2086, 37.8165, 30.0437

Background



This preview shows how black text looks on a background with the XYZ color 39.2086, 37.8165, 30.0437.



This preview shows how white text looks on a background with the XYZ color 39.2086, 37.8165,

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

39.2086, 37.8165, 30.0437

Protanopia

35.9447, 37.9226, 31.8109

Deuteranopia

38.6176, 37.7661, 30.0652



Tritanopia

41.4645, 37.7347, 41.1745

Trichromacy



Original Color

39.2086, 37.8165, 30.0437

Protanomaly

36.9343, 37.6476, 31.3067

Deuteranomaly

38.8700, 37.8962, 30.0770

Tritanomaly

40.5721, 37.6128, 37.0199

Monochromacy



Original Color

39.2086, 37.8165, 30.0437

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

37.4927, 38.3324, 37.3211

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2086, 37.8165, 30.0437 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(194, 158, 140)` looks like.

```
.text, #text, p{  
    color:rgb(194, 158, 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(194, 158, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 158, 140) }
```

Border

The CSS property to change the border of an element to XYZ 39.2086, 37.8165, 30.0437 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(194, 158, 140) }
```


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

```
.border{ border-color:rgb(194, 158, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 158, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 158, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 158, 140);  
box-shadow:4px 4px 4px 4px rgb(194, 158,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2086, 37.8165, 30.0437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 158, 140) }
```

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

```
.background{ background-color: rgb(194,  
158, 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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