

Converting Colors

XYZ(39.2497, 37.9636, 30.8506)

Have a look what the booklet for
XYZ(39.2497, 37.9636, 30.8506)
contains.

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Color

**XYZ(39.2729, 38.0867,
30.8728)**

Conversions

Conversions Part 1

Format	Color
Hex	C19F8E
RGB	193, 159, 142
RGB Percent	76%, 62%, 56%
CMY	0.2431, 0.3765, 0.4431
CMYK	0.00, 0.18, 0.26, 0.24
HSL	20°, 29%, 66%
HSV	20°, 26%, 76%
XYZ	39.2729, 38.0867, 30.8728
YIQ	167.2280, 25.7210, 1.9210

Conversions

Conversions Part 2

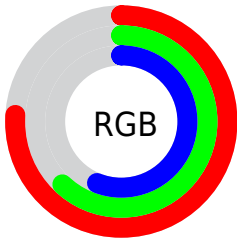
Format	Color
RYB	193, 168, 142
Decimal	12689294
CIELab	68.08, 9.98, 13.58
CIElCh	68, 16.852, 53.698
Yxy	38.0867, 0.3629, 0.3519
Android (android.graphics.Color)	4290879374 (0xFFC19F8E)
YUV	167.2280, -12.4374, 22.6020
Hunter-Lab	61.7144, 5.5909, 13.5401

Details

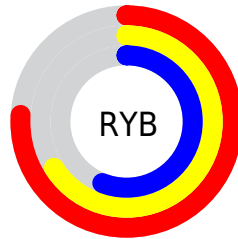
The XYZ color **39.2729, 38.0867, 30.8728** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **36.3059, 40.6505, 56.3849**, and the grayscale version is **36.8925, 38.8138, 42.2682**.

A 20% lighter version of the original color is **73.4347, 72.4027, 62.3292**, and **17.9418, 16.9868, 12.4584** is the 20% darker color. If you saturate the color by 10%, you get **35.8493, 33.3609, 23.1909**, and if you desaturate by 10%, it is **43.1798, 43.3769, 39.9545**.

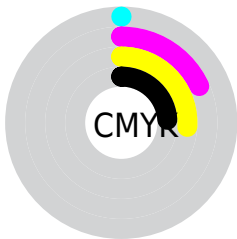
Distribution



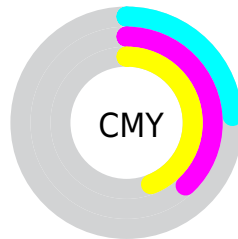
- Red (76%)
- Green (62%)
- Blue (56%)



- Red (76%)
- Yellow (66%)
- Blue (56%)



- Cyan (0%)
- Magenta (18%)
- Yellow (26%)
- Black (24%)





- Cyan (24%)
- Magenta (38%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.2729, 38.0867, 30.8728 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 39.2729, 38.0867, 30.8728 by changing the saturation by 10% instead.


 39.2729, 38.0867,
30.8728


 39.2729, 38.0867,
30.8728


334.2366,
337.9917, 320.2849


 27.1538, 26.0500,
20.2444


 73.3464, 72.2410,
62.1170

 17.8259, 16.8610,
12.3870

 96.0316, 95.1274,
83.5698

 10.9240, 10.1355,
6.8821


 122.9694,
122.3991, 109.4678

 6.0827, 5.4889,
3.3111

154.5253,
154.4406, 140.2296

 2.9366, 2.5369,
1.2556

191.0646,
191.6362, 176.2736

 1.1203, 0.8950,
0.0250

232.9527,

 0.0420, 0.0000,

234.3703, 218.0185

0.0000

280.5549,
283.0274, 265.8828

0.0000, 0.0000,
0.0000

39.2729, 38.0867,
30.8728

39.2729, 38.0867,
30.8728

35.8493, 33.3609,
23.1909

43.1798, 43.3769,
39.9545

32.8859, 29.1751,
16.8359

47.5856, 49.2446,
50.4991

30.3624, 25.5107,
11.7321

52.5090, 55.7087,
62.5685

28.2553, 22.3460,
7.7949

57.9668, 62.7860,
76.2207

26.5391, 19.6575,
4.9290

63.9749, 70.4924,
91.5103

■ 25.1843, 17.4195,
3.0241

■ 70.0943, 78.6614,
106.0965

■ 24.1551, 15.6025,
1.9366

■ 73.9370, 86.3467,
107.3774

■ 23.8454, 15.0436,
1.6469

■ 75.8023, 90.0775,
107.9992

Harmonies

Analogous

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



41.0238, 38.0867, 35.9248



39.2729, 38.0867, 30.8728



36.7574, 38.0867, 28.6924

Triad

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



39.2729, 38.0867, 30.8728



31.4095, 38.0867, 39.9027



38.2680, 38.0867, 56.1718

Complementary

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



39.2729, 38.0867, 30.8728



36.3059, 40.6505, 56.3849

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.



35.6488, 38.0867, 57.5691



39.2729, 38.0867, 30.8728



31.7705, 38.0867, 47.5582

Square

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



39.2729, 38.0867, 30.8728



32.2813, 38.0867, 33.4837



33.2922, 38.0867, 54.2508



40.4242, 38.0867, 50.6346

Rectangle

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



39.2729, 38.0867, 30.8728



35.0176, 38.0867, 28.9466



33.2922, 38.0867, 54.2508



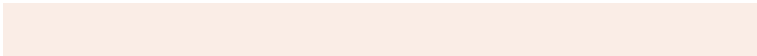
37.4093, 38.0867, 57.1669

Sweetspot

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



39.2739, 38.0885, 30.8736



83.8194, 86.3352, 87.0418



39.5021, 33.8185, 45.5202



17.7174, 18.1707, 18.0359



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.



39.2739, 38.0885, 30.8736



66.5120, 62.9536, 46.6422



44.1195, 47.7797, 32.4888



10.3415, 10.6144, 10.5656



15.9264, 10.1385, 1.1175



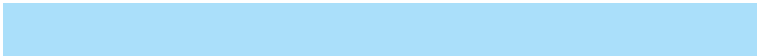
0.7523, 0.5664, 0.0697

Inverse Universe

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



36.3059, 40.6505, 56.3849



60.2538, 68.3369, 100.3749



31.7677, 31.5742, 54.8722



10.0765, 10.8443, 12.8469



11.6690, 13.0946, 35.4691



0.5654, 0.6882, 1.5529

Previews

White Background



This preview shows how the XYZ color 39.2729, 38.0867, 30.8728 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 39.2729, 38.0867, 30.8728 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 39.2729, 38.0867, 30.8728

Background



This preview shows how black text looks on a background with the XYZ color 39.2729, 38.0867, 30.8728.



This preview shows how white text looks on a background with the XYZ color 39.2729, 38.0867,

30.8728.

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

39.2729, 38.0867, 30.8728

Protanopia

36.2026, 38.3154, 32.2756

Deuteranopia

38.9391, 38.1710, 30.9066



Tritanopia

41.4613, 37.9685, 41.7026

Trichromacy



Original Color

39.2729, 38.0867, 30.8728

Protanomaly

37.1873, 38.0318, 31.7664

Deuteranomaly

39.1915, 38.3011, 30.9184

Tritanomaly

40.5657, 37.8477, 37.5150

Monochromacy



Original Color

39.2729, 38.0867, 30.8728

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

37.3515, 38.2496, 37.7620

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2729, 38.0867, 30.8728 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, 159, 142)` looks like.

```
.text, #text, p{  
    color:rgb(193, 159, 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, 159, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 159, 142) }
```

Border

The CSS property to change the border of an element to XYZ 39.2729, 38.0867, 30.8728 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, 159, 142) }
```


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

```
.border{ border-color:rgb(193, 159, 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, 159, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 159, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 159, 142);  
box-shadow:4px 4px 4px 4px rgb(193, 159,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2729, 38.0867, 30.8728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 159, 142) }
```

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

```
.background{ background-color: rgb(193,  
159, 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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