

Converting Colors

XYZ(41.5048, 39.3444, 30.7581)

Have a look what the booklet for
XYZ(41.5048, 39.3444, 30.7581)
contains.

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Color

**XYZ(41.2932, 39.1369,
30.5771)**

Conversions

Conversions Part 1

Format	Color
Hex	C99F8D
RGB	201, 159, 141
RGB Percent	79%, 62%, 55%
CMY	0.2118, 0.3764, 0.4471
CMYK	0.00, 0.21, 0.30, 0.21
HSL	18°, 36%, 67%
HSV	18°, 30%, 79%
XYZ	41.2932, 39.1369, 30.5771
YIQ	169.5060, 30.8100, 3.3060

Conversions

Conversions Part 2

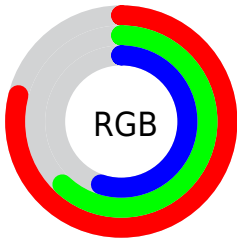
Format	Color
R _Y B	201, 167, 141
Decimal	13213581
CIE Lab	68.85, 12.96, 15.32
CIE LCh	69, 20.066, 49.785
Yxy	39.1369, 0.3720, 0.3526
Android (android.graphics.Color)	4291403661 (0xFFC99F8D)
YUV	169.5060, -14.0535, 27.6202
Hunter-Lab	62.5595, 8.3421, 14.8126

Details

The XYZ color **41.2932, 39.1369, 30.5771** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.4600, 43.7451, 61.6749**, and the grayscale version is **38.0205, 40.0005, 43.5606**.

A 20% lighter version of the original color is **75.1369, 73.2933, 61.8166**, and **19.1049, 17.5914, 12.2861** is the 20% darker color. If you saturate the color by 10%, you get **37.6482, 34.0270, 22.6410**, and if you desaturate by 10%, it is **45.4871, 44.9097, 40.0361**.

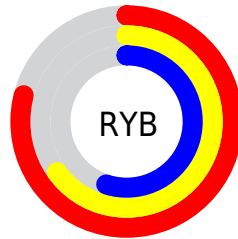
Distribution



Red (79%)

Green (62%)

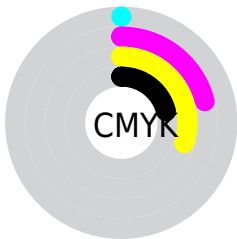
Blue (55%)



Red (79%)

Yellow (65%)

Blue (55%)

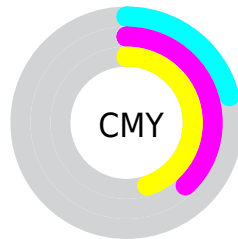


Cyan (0%)

Magenta (21%)

Yellow (30%)

Black (21%)



Cyan (21%)


Magenta (38%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.2932, 39.1369, 30.5771 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 41.2932, 39.1369, 30.5771 by changing the saturation by 10% instead.


 41.2932, 39.1369,
30.5771


 41.2932, 39.1369,
30.5771


342.5862,
342.4722, 318.8759


 28.7369, 26.8662,
20.0213


 76.4007, 73.8474,
61.6454

 19.0252, 17.4728,
12.2263

 99.6826, 97.0561,
82.9949

 11.7926, 10.5722,
6.7736


 127.2705,
124.6795, 108.7795

 6.6738, 5.7799,
3.2446

159.5296,
157.1021, 139.4175

 3.3035, 2.7117,
1.2208

196.8254,
194.7083, 175.3277

 1.3162, 0.9832,
0.0000

239.5232,

 0.1953, 0.0000,

237.8824, 216.9284

0.0000

287.9884,
287.0089, 264.6383

■ 0.0000, 0.0000,
0.0000

■ 41.2932, 39.1369,
30.5771

■ 41.2932, 39.1369,
30.5771

■ 37.6482, 34.0270,
22.6410

■ 45.4871, 44.9097,
40.0361

■ 34.5252, 29.5504,
16.1451

■ 50.2491, 51.3630,
51.0901

■ 31.8994, 25.6831,
11.0020

■ 55.6013, 58.5204,
63.8094

■ 29.7425, 22.3973,
7.1143

■ 61.5637, 66.4026,
78.2595

■ 28.0233, 19.6629,
4.3708

■ 68.1552, 75.0297,
94.5022

■ 26.7059, 17.4467,
2.6407

■ 74.3127, 83.9882,
106.9024

■ 25.7326, 15.7052,
1.6838

■ 77.8974, 91.1575,
108.0973

■ 25.7198, 15.6823,
1.6714

Harmonies

Analogous

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



43.2621, 39.1369, 36.9495



41.2932, 39.1369, 30.5771



38.2948, 39.1369, 27.5815

Triad

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



41.2932, 39.1369, 30.5771



31.4924, 39.1369, 39.5788



39.3096, 39.1369, 61.3339

Complementary

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



41.2932, 39.1369, 30.5771



38.4600, 43.7451, 61.6749

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.



36.1232, 39.1369, 62.3042



41.2932, 39.1369, 30.5771



31.7296, 39.1369, 48.8285

Square

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



41.2932, 39.1369, 30.5771



32.7163, 39.1369, 32.2651



33.3838, 39.1369, 57.4546



42.0724, 39.1369, 54.9669

Rectangle

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



41.2932, 39.1369, 30.5771



36.1676, 39.1369, 27.5644



33.3838, 39.1369, 57.4546



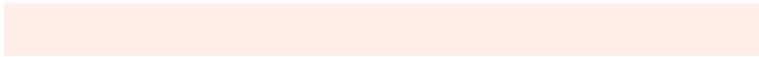
38.2487, 39.1369, 62.3336

Sweetspot

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



41.2942, 39.1387, 30.5779



86.6606, 88.7850, 88.9509



42.1597, 34.8865, 49.3116



18.2757, 18.6360, 18.3972



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.



41.2942, 39.1387, 30.5779



66.4444, 61.0628, 43.0287



47.0928, 50.7359, 32.5108



10.8890, 11.1472, 11.1405



16.2424, 10.0020, 1.0745



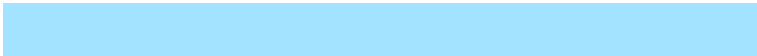
0.8335, 0.6025, 0.0724

Inverse Universe

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



38.4600, 43.7451, 61.6749



60.7885, 70.2141, 104.9565



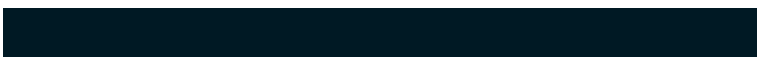
32.9187, 32.6627, 59.8278



10.6677, 11.5094, 13.5768



12.6719, 14.7376, 36.9211



0.6612, 0.8203, 1.7686

Previews

White Background



This preview shows how the XYZ color 41.2932, 39.1369, 30.5771 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 41.2932, 39.1369, 30.5771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

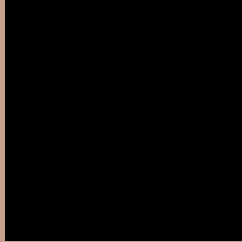
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.2932, 39.1369, 30.5771

Background



This preview shows how black text looks on a background with the XYZ color 41.2932, 39.1369, 30.5771.



This preview shows how white text looks on a background with the XYZ color 41.2932, 39.1369,

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

41.2932, 39.1369, 30.5771

Protanopia

37.2449, 39.3967, 32.4294

Deuteranopia

39.9021, 39.2034, 30.2749



Tritanopia

43.5982, 39.0701, 41.8026

Trichromacy



Original Color

41.2932, 39.1369, 30.5771

Protanomaly

38.7389, 39.3630, 31.9416

Deuteranomaly

40.5045, 39.2535, 30.2528

Tritanomaly

42.6886, 38.9421, 37.6144

Monochromacy



Original Color

41.2932, 39.1369, 30.5771

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.9503, 39.5994, 38.3914

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2932, 39.1369, 30.5771 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(201, 159, 141)` looks like.

```
.text, #text, p{  
    color:rgb(201, 159, 141)  
}
```

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(201, 159, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 159, 141) }
```

Border

The CSS property to change the border of an element to XYZ 41.2932, 39.1369, 30.5771 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(201, 159, 141) }
```


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

```
.border{ border-color:rgb(201, 159, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 159, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 159, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 159, 141);  
box-shadow:4px 4px 4px 4px rgb(201, 159,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2932, 39.1369, 30.5771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 159, 141) }
```

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

```
.background{ background-color: rgb(201,  
159, 141) }
```

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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