

Converting Colors

XYZ(40.5070, 39.3444, 32.4253)

Have a look what the booklet for
XYZ(40.5070, 39.3444, 32.4253)
contains.

| | |
|--|----|
| XYZ(40.5368, 39.4871, 32.2733) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(40.5368, 39.4871,
32.2733)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | C3A291 |
| RGB | 195, 162, 145 |
| RGB Percent | 76%, 64%, 57% |
| CMY | 0.2353, 0.3647, 0.4314 |
| CMYK | 0.00, 0.17, 0.26, 0.24 |
| HSL | 20°, 29%, 67% |
| HSV | 20°, 26%, 76% |
| XYZ | 40.5368, 39.4871, 32.2733 |
| YIQ | 169.9290, 25.1250, 1.7090 |

Conversions

Conversions Part 2

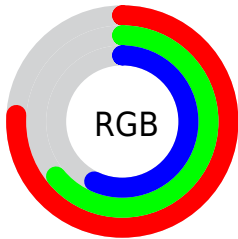
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 195, 171, 145 |
| Decimal | 12821137 |
| CIE Lab | 69.10, 9.54, 13.38 |
| CIE LCh | 69, 16.433, 54.506 |
| Yxy | 39.4871, 0.3610, 0.3516 |
| Android (android.graphics.Color) | 4291011217 (0xFFC3A291) |
| YUV | 169.9290, -12.2900, 21.9873 |
| Hunter-Lab | 62.8388, 5.1811, 13.5364 |

Details

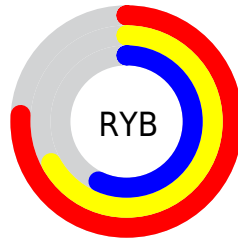
The XYZ color **40.5368, 39.4871, 32.2733** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.4473, 41.7993, 57.7242**, and the grayscale version is **38.2245, 40.2151, 43.7943**.

A 20% lighter version of the original color is **75.2665, 74.4447, 64.4351**, and **18.6260, 17.6408, 13.2498** is the 20% darker color. If you saturate the color by 10%, you get **37.0086, 34.6338, 24.3048**, and if you desaturate by 10%, it is **44.5573, 44.9113, 41.6801**.

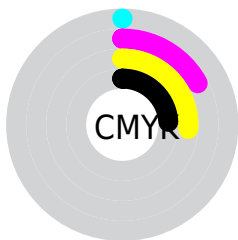
Distribution



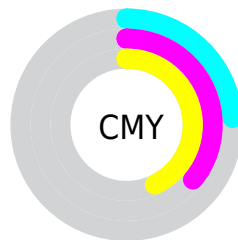
- Red (76%)
- Green (64%)
- Blue (57%)



- Red (76%)
- Yellow (67%)
- Blue (57%)



- Cyan (0%)
- Magenta (17%)
- Yellow (26%)
- Black (24%)




- Cyan (24%)
- Magenta (36%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.5368, 39.4871, 32.2733 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 40.5368, 39.4871, 32.2733 by changing the saturation by 10% instead.


 40.5368, 39.4871,
32.2733


 40.5368, 39.4871,
32.2733


339.4767,
343.9570, 326.8934

 28.1434, 27.1389,
21.3038

 75.2594, 74.3819,
64.3422

 18.5748, 17.6775,
13.1528


 98.3193, 97.6972,
86.2786

 11.4656, 10.7187,
7.4019

125.6654,
125.4370, 112.7078

 6.4505, 5.8780,
3.6325

157.6631,
157.9856, 144.0482

 3.1642, 2.7711,
1.4260

194.6777,
195.7276, 180.7184

 1.2412, 1.0134,
0.1618

237.0746,

 0.1385, 0.0000,

239.0472, 223.1370

0.0000

285.2192,
288.3289, 271.7225

■ 0.0000, 0.0000,
0.0000

■ 40.5368, 39.4871,
32.2733

■ 40.5368, 39.4871,
32.2733

■ 37.0086, 34.6338,
24.3048

■ 44.5573, 44.9113,
41.6801

■ 33.9493, 30.3267,
17.7003

■ 49.0857, 50.9191,
52.5894

■ 31.3384, 26.5474,
12.3828

■ 54.1409, 57.5296,
65.0644

■ 29.1523, 23.2743,
8.2663

■ 59.7400, 64.7595,
79.1642

■ 27.3652, 20.4839,
5.2541

■ 65.8989, 72.6247,
94.9444

■ 25.9477, 18.1507,
3.2345

■ 71.4853, 80.6813,
106.4131

■ 24.8649, 16.2459,
2.0694

■ 75.3924, 88.4956,
107.7155

■ 24.4724, 15.5356,
1.7088

■ 76.3157, 90.3421,
108.0232

Harmonies

Analogous

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



42.3106, 39.4871, 37.2769



40.5368, 39.4871, 32.2733



38.0163, 39.4871, 30.1589

Triad

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



40.5368, 39.4871, 32.2733



32.7310, 39.4871, 41.6264



39.6626, 39.4871, 57.5241

Complementary

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



40.5368, 39.4871, 32.2733



37.4473, 41.7993, 57.7242

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.



37.0504, 39.4871, 59.0366



40.5368, 39.4871, 32.2733



33.1262, 39.4871, 49.2692

Square

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



40.5368, 39.4871, 32.2733



33.5726, 39.4871, 35.1409



34.6782, 39.4871, 55.8611



41.7896, 39.4871, 51.9394

Rectangle

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



40.5368, 39.4871, 32.2733



36.2820, 39.4871, 30.4711



34.6782, 39.4871, 55.8611



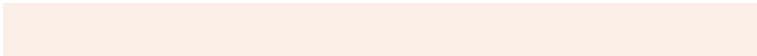
38.8089, 39.4871, 58.5511

Sweetspot

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



40.5378, 39.4889, 32.2741



85.8120, 88.4249, 89.0782



40.7007, 35.0811, 46.9216



18.5143, 18.9967, 18.8353



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.



40.5378, 39.4889, 32.2741



68.8079, 65.5255, 49.1630



45.3164, 49.0460, 33.8670



10.3470, 10.6253, 10.5674



15.9764, 10.2385, 1.1342



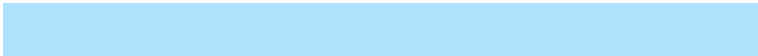
0.7548, 0.5715, 0.0705

Inverse Universe

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



37.4473, 41.7993, 57.7242



62.2917, 70.3806, 102.7715



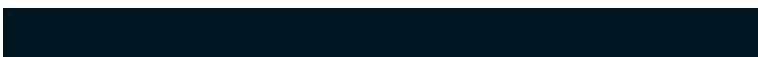
32.9737, 32.8521, 56.2330



10.0708, 10.8328, 12.8450



11.5578, 12.8722, 35.4320



0.5612, 0.6797, 1.5515

Previews

White Background



This preview shows how the XYZ color 40.5368, 39.4871, 32.2733 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 40.5368, 39.4871, 32.2733 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

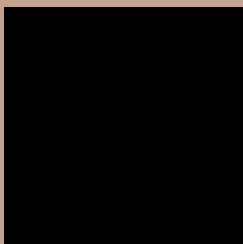
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

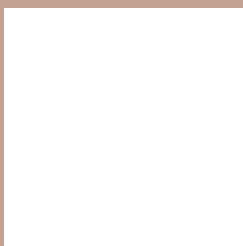
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.5368, 39.4871, 32.2733

Background



This preview shows how black text looks on a background with the XYZ color 40.5368, 39.4871, 32.2733.



This preview shows how white text looks on a background with the XYZ color 40.5368, 39.4871,

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

40.5368, 39.4871, 32.2733

Protanopia

37.4794, 39.4905, 33.6640

Deuteranopia

40.4562, 39.7081, 32.3202



Tritanopia

42.8662, 39.3998, 43.8737

Trichromacy



Original Color

40.5368, 39.4871, 32.2733

Protanomaly

38.6698, 39.5694, 33.2033

Deuteranomaly

40.4562, 39.7081, 32.3202

Tritanomaly

41.9457, 39.2752, 39.5525

Monochromacy



Original Color

40.5368, 39.4871, 32.2733

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.8421, 39.7943, 39.3521

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.5368, 39.4871, 32.2733 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(195, 162, 145)` looks like.

```
.text, #text, p{  
    color:rgb(195, 162, 145)  
}
```

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(195, 162, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 162, 145) }
```

Border

The CSS property to change the border of an element to XYZ 40.5368, 39.4871, 32.2733 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(195, 162, 145) }
```


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

```
.border{ border-color:rgb(195, 162, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 162, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 162, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 162, 145);  
box-shadow:4px 4px 4px 4px rgb(195, 162,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 40.5368, 39.4871, 32.2733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 162, 145) }
```

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

```
.background{ background-color: rgb(195,  
162, 145) }
```

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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