

Converting Colors

XYZ(40.0597, 38.8559, 32.6510)

Have a look what the booklet for
XYZ(40.0597, 38.8559, 32.6510)
contains.

XYZ(40.1813, 39.0344, 32.6107)	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(40.1813, 39.0344,
32.6107)**

Conversions

Conversions Part 1

Format	Color
Hex	C2A192
RGB	194, 161, 146
RGB Percent	76%, 63%, 57%
CMY	0.2392, 0.3686, 0.4274
CMYK	0.00, 0.17, 0.25, 0.24
HSL	19°, 28%, 67%
HSV	19°, 25%, 76%
XYZ	40.1813, 39.0344, 32.6107
YIQ	169.1570, 24.4830, 2.3310

Conversions

Conversions Part 2

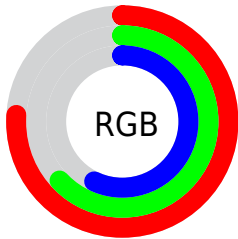
Format	Color
RYB	194, 168, 146
Decimal	12755346
CIELab	68.78, 9.85, 12.35
CIELCh	69, 15.797, 51.447
Yxy	39.0344, 0.3593, 0.3491
Android (android.graphics.Color)	4290945426 (0xFFC2A192)
YUV	169.1570, -11.4164, 21.7873
Hunter-Lab	62.4775, 5.4634, 12.7873

Details

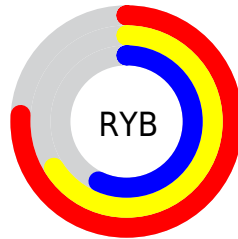
The XYZ color **40.1813, 39.0344, 32.6107** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.7113, 42.2450, 57.2056**, and the grayscale version is **37.8369, 39.8073, 43.3502**.

A 20% lighter version of the original color is **74.7649, 73.7911, 64.9462**, and **18.3494, 17.3390, 13.2061** is the 20% darker color. If you saturate the color by 10%, you get **36.5911, 34.0674, 24.5898**, and if you desaturate by 10%, it is **44.2783, 44.6046, 42.0649**.

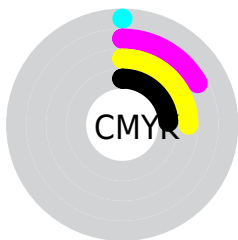
Distribution



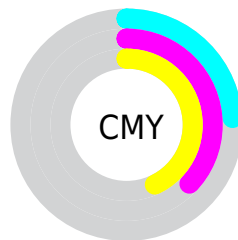
- Red (76%)
- Green (63%)
- Blue (57%)



- Red (76%)
- Yellow (66%)
- Blue (57%)



- Cyan (0%)
- Magenta (17%)
- Yellow (25%)
- Black (24%)





- Cyan (24%)
- Magenta (37%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.1813, 39.0344, 32.6107 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 40.1813, 39.0344, 32.6107 by changing the saturation by 10% instead.


 40.1813, 39.0344,
32.6107


 40.1813, 39.0344,
32.6107


338.0085,
342.0367, 328.4699

 27.8648, 26.7865,
21.5597


 74.7221, 73.6909,
64.8762

 18.3637, 17.4129,
13.3385


 97.6771, 96.8682,
86.9279

 11.3127, 10.5293,
7.5286


124.9089,
124.4575, 113.4835

 6.3464, 5.7513,
3.7114

156.7830,
156.8431, 144.9616

 3.0995, 2.6945,
1.4684

193.6646,
194.4094, 181.7808

 1.2066, 0.9744,
0.1942

235.9191,

 0.1116, 0.0000,

237.5409, 224.3595

0.0000

283.9120,
286.6219, 273.1164

■ 0.0000, 0.0000,
0.0000

■ 40.1813, 39.0344,
32.6107

■ 40.1813, 39.0344,
32.6107

■ 36.5911, 34.0674,
24.5898

■ 44.2783, 44.6046,
42.0649

■ 33.4839, 29.6776,
17.9290

■ 48.8984, 50.7922,
53.0157

■ 30.8385, 25.8447,
12.5525

■ 54.0610, 57.6178,
65.5254

■ 28.6308, 22.5455,
8.3759

■ 59.7836, 65.0993,
79.6523

■ 26.8343, 19.7545,
5.3045

■ 66.0827, 73.2539,
95.4516

■ 25.4191, 17.4444,
3.2291

■ 71.7595, 81.6120,
106.5783

■ 24.3503, 15.5842,
2.0176

■ 75.8532, 89.7993,
107.9429

■ 23.8979, 14.7687,
1.5911

■ 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.



41.7620, 39.0344, 37.6599



40.1813, 39.0344, 32.6107



37.8213, 39.0344, 30.2796

Triad

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



40.1813, 39.0344, 32.6107



32.5435, 39.0344, 40.4851



38.8882, 39.0344, 56.6609

Complementary

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



40.1813, 39.0344, 32.6107



37.7113, 42.2450, 57.2056

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.



36.3900, 39.0344, 57.6366



40.1813, 39.0344, 32.6107



32.8004, 39.0344, 47.7419

Square

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



40.1813, 39.0344, 32.6107



33.4640, 39.0344, 34.4791



34.1823, 39.0344, 54.2145



40.9924, 39.0344, 51.6815

Rectangle

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



40.1813, 39.0344, 32.6107



36.1543, 39.0344, 30.3761



34.1823, 39.0344, 54.2145



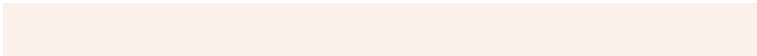
38.0641, 39.0344, 57.4887

Sweetspot

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



40.1823, 39.0362, 32.6115



86.5206, 89.2633, 91.0990



40.7249, 35.3065, 47.6354



18.8310, 19.3926, 19.6729



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.



40.1823, 39.0362, 32.6115



68.9599, 65.4313, 50.4411



44.6604, 47.9923, 34.1042



10.3244, 10.5802, 10.5599



15.7774, 9.8405, 1.0678



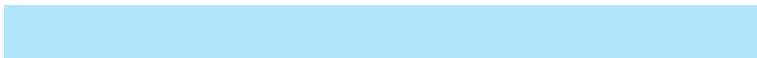
0.7445, 0.5508, 0.0671

Inverse Universe

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



37.7113, 42.2450, 57.2056



63.6662, 72.2855, 103.0667



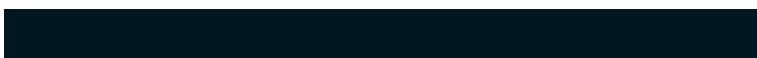
33.4135, 33.6494, 55.7730



10.0944, 10.8801, 12.8529



12.0250, 13.8065, 35.5878



0.5788, 0.7150, 1.5574

Previews

White Background



This preview shows how the XYZ color 40.1813, 39.0344, 32.6107 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 40.1813, 39.0344, 32.6107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

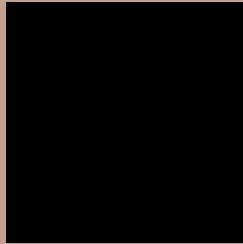
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.1813, 39.0344, 32.6107

Background



This preview shows how black text looks on a background with the XYZ color 40.1813, 39.0344, 32.6107.



This preview shows how white text looks on a background with the XYZ color 40.1813, 39.0344,

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

40.1813, 39.0344, 32.6107

Protanopia

36.9227, 38.9213, 34.0003

Deuteranopia

39.8469, 39.1225, 32.6454



Tritanopia

42.5085, 39.2263, 43.3612

Trichromacy



Original Color

40.1813, 39.0344, 32.6107

Protanomaly

38.0918, 38.9935, 33.5358

Deuteranomaly

40.1010, 39.2534, 32.6573

Tritanomaly

41.5961, 39.1052, 39.0739

Monochromacy



Original Color

40.1813, 39.0344, 32.6107

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

38.4293, 39.3106, 39.2805

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.1813, 39.0344, 32.6107 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, 161, 146)` looks like.

```
.text, #text, p{  
    color:rgb(194, 161, 146)  
}
```

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, 161, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 161, 146) }
```

Border

The CSS property to change the border of an element to XYZ 40.1813, 39.0344, 32.6107 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, 161, 146) }
```


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

```
.border{ border-color:rgb(194, 161, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 161, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 161, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 161, 146); box-shadow:4px 4px 4px 4px rgb(194, 161, 146) }
```

Background

The CSS property to change the background color of an element to XYZ 40.1813, 39.0344, 32.6107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 161, 146) }
```

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

```
.background{ background-color: rgb(194,  
161, 146) }
```

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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