

Converting Colors

XYZ(37.7138, 38.1733, 34.0301)

Have a look what the booklet for
XYZ(37.7138, 38.1733, 34.0301)
contains.

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Color

**XYZ(37.8936, 38.3415,
34.2576)**

Conversions

Conversions Part 1

Format	Color
Hex	B6A396
RGB	182, 163, 150
RGB Percent	71%, 64%, 59%
CMY	0.2863, 0.3608, 0.4118
CMYK	0.00, 0.10, 0.18, 0.29
HSL	24°, 18%, 65%
HSV	24°, 18%, 71%
XYZ	37.8936, 38.3415, 34.2576
YIQ	167.1990, 15.4970, -0.0150

Conversions

Conversions Part 2

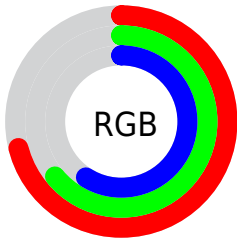
Format	Color
RYB	182, 172, 150
Decimal	11969430
CIELab	68.27, 4.76, 9.27
CIElCh	68, 10.418, 62.820
Yxy	38.3415, 0.3430, 0.3470
Android (android.graphics.Color)	4290159510 (0xFFB6A396)
YUV	167.1990, -8.4791, 12.9805
Hunter-Lab	61.9205, 0.8760, 10.5421

Details

The XYZ color **37.8936, 38.3415, 34.2576** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.2089, 38.2364, 49.7808**, and the grayscale version is **36.8632, 38.7830, 42.2346**.

A 20% lighter version of the original color is **71.2304, 72.6796, 67.4011**, and **16.9898, 16.9369, 14.1781** is the 20% darker color. If you saturate the color by 10%, you get **34.7036, 34.1273, 26.5167**, and if you desaturate by 10%, it is **41.4773, 42.9781, 43.2537**.

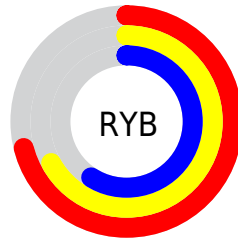
Distribution



Red (71%)

Green (64%)

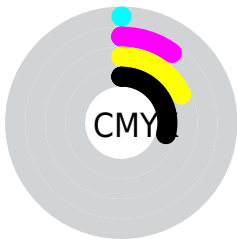
Blue (59%)



Red (71%)

Yellow (67%)

Blue (59%)

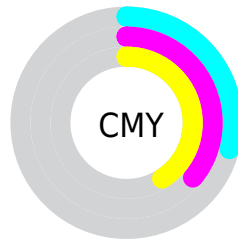


Cyan (0%)

Magenta (10%)

Yellow (18%)

Black (29%)



Cyan (29%)


Magenta (36%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.8936, 38.3415, 34.2576 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 37.8936, 38.3415, 34.2576 by changing the saturation by 10% instead.


 37.8936, 38.3415,
34.2576


 37.8936, 38.3415,
34.2576


328.4521,
339.0827, 336.0833

 26.0770, 26.2478,
22.8126


 71.2500, 72.6313,
67.4725

 17.0142, 17.0091,
14.2512


 93.5204, 95.5962,
90.0795

 10.3400, 10.2410,
8.1548


120.0062,
122.9536, 117.2443

 5.6889, 5.5590,
4.1050

151.0726,
155.0880, 149.3854

 2.6957, 2.5789,
1.6831

187.0850,
192.3837, 186.9212

 0.9950, 0.9160,
0.3491

228.4089,

 0.0000, 0.0000,

235.2251, 230.2705

0.0000

275.4094,
283.9966, 279.8517

■ 37.8936, 38.3415,
34.2576

■ 37.8936, 38.3415,
34.2576

■ 34.7036, 34.1273,
26.5167

■ 41.4773, 42.9781,
43.2537

■ 31.8895, 30.3178,
19.9720

■ 45.4653, 48.0436,
53.5554

■ 29.4370, 26.9019,
14.5634

■ 49.8716, 53.5511,
65.2135

■ 27.3292, 23.8658,
10.2246

■ 54.7086, 59.5113,
78.2751

■ 25.5479, 21.1948,
6.8823

■ 59.9883, 65.9349,
92.7852

■ 24.0728, 18.8729,
4.4537

■ 65.0380, 72.5582,
105.1850

■ 22.8809, 16.8828,
2.8426

■ 68.1009, 78.6838,
106.2059

■ 21.9396, 15.2028,
1.9045

■ 71.3527, 85.1875,
107.2899

■ 21.7375, 14.8372,
1.7182

■ 73.1015, 88.6851,
107.8728

Harmonies

Analogous

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



39.1416, 38.3415, 37.0669



37.8936, 38.3415, 34.2576



36.2884, 38.3415, 33.4051

Triad

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



37.8936, 38.3415, 34.2576



33.3995, 38.3415, 42.1907



38.1685, 38.3415, 49.7579

Complementary

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



37.8936, 38.3415, 34.2576



35.2089, 38.2364, 49.7808

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.



36.5969, 38.3415, 51.3743



37.8936, 38.3415, 34.2576



33.8704, 38.3415, 46.8062

Square

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



37.8936, 38.3415, 34.2576



33.7237, 38.3415, 37.7782



35.0288, 38.3415, 50.2562



39.3036, 38.3415, 45.9852

Rectangle

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



37.8936, 38.3415, 34.2576



35.2398, 38.3415, 34.0051



35.0288, 38.3415, 50.2562



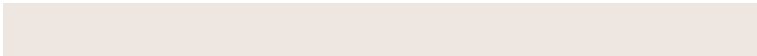
37.6721, 38.3415, 50.5837

Sweetspot

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



37.8946, 38.3432, 34.2584



76.9334, 80.1380, 82.8569



37.3783, 34.6303, 42.3493



16.8836, 17.5614, 18.0221



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



37.8946, 38.3432, 34.2584



66.4373, 66.5434, 56.5521



40.8768, 44.3075, 35.2524



9.2962, 9.5954, 9.4690



15.4126, 10.6015, 1.2340



0.6046, 0.4962, 0.0639

Inverse Universe

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



35.2089, 38.2364, 49.7808



60.6771, 66.3125, 89.8373



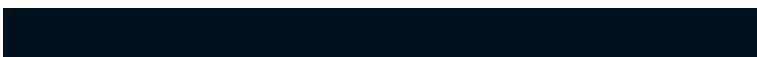
32.4456, 32.7099, 48.8598



8.9523, 9.5818, 11.4571



9.8193, 10.0984, 32.6847



0.4053, 0.4743, 1.1719

Previews

White Background



This preview shows how the XYZ color 37.8936, 38.3415, 34.2576 looks on a white background.

Color Contrast Check

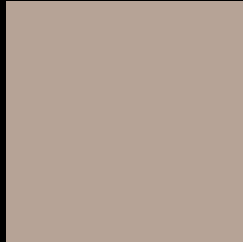
Large Text (above 18pt) WCAG AA × Fail

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 37.8936, 38.3415, 34.2576 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 37.8936, 38.3415, 34.2576

Background



This preview shows how black text looks on a background with the XYZ color 37.8936, 38.3415, 34.2576.



This preview shows how white text looks on a background with the XYZ color 37.8936, 38.3415,

34.2576.

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

37.8936, 38.3415, 34.2576

Protanopia

36.5373, 38.4237, 35.1966

Deuteranopia

38.9889, 38.3831, 34.2079



Tritanopia

40.0248, 38.4345, 44.3388

Trichromacy



Original Color

37.8936, 38.3415, 34.2576

Protanomaly

36.9455, 38.3747, 34.7380

Deuteranomaly

38.6751, 38.4818, 34.2435

Tritanomaly

39.2129, 38.3604, 40.4595

Monochromacy



Original Color

37.8936, 38.3415, 34.2576

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

37.0825, 38.6163, 39.2174

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.8936, 38.3415, 34.2576 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(182, 163, 150)` looks like.

```
.text, #text, p{  
    color:rgb(182, 163, 150)  
}
```

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(182, 163, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 163, 150) }
```

Border

The CSS property to change the border of an element to XYZ 37.8936, 38.3415, 34.2576 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(182, 163, 150) }
```


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

```
.border{ border-color:rgb(182, 163, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 163, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 163, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 163, 150);  
box-shadow:4px 4px 4px 4px rgb(182, 163,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 37.8936, 38.3415, 34.2576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 163, 150) }
```

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

```
.background{ background-color: rgb(182,  
163, 150) }
```

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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