

Converting Colors

XYZ(33.9628, 33.9235, 37.8923)

Have a look what the booklet for
XYZ(33.9628, 33.9235, 37.8923)
contains.

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Color

**XYZ(34.0492, 33.9741,
38.0208)**

Conversions

Conversions Part 1

Format	Color
Hex	A89AA0
RGB	168, 154, 160
RGB Percent	66%, 60%, 63%
CMY	0.3412, 0.3961, 0.3725
CMYK	0.00, 0.08, 0.05, 0.34
HSL	334°, 7%, 63%
HSV	334°, 8%, 66%
XYZ	34.0492, 33.9741, 38.0208
YIQ	158.8700, 6.4180, 4.8340

Conversions

Conversions Part 2

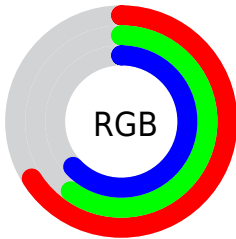
Format	Color
RYB	168, 154, 160
Decimal	11049632
CIELab	64.94, 6.22, -1.28
CIELCh	65, 6.350, 348.353
Yxy	33.9741, 0.3211, 0.3204
Android (android.graphics.Color)	4289239712 (0xFFA89AA0)
YUV	158.8700, 0.5571, 8.0070
Hunter-Lab	58.2873, 2.2700, 2.1263

Details

The XYZ color **34.0492, 33.9741, 38.0208** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.8519, 37.4848, 39.6353**, and the grayscale version is **32.8915, 34.6045, 37.6843**.

A 20% lighter version of the original color is **65.2530, 65.7060, 73.5333**, and **14.8130, 14.5176, 16.4894** is the 20% darker color. If you saturate the color by 10%, you get **30.6605, 28.4892, 32.9060**, and if you desaturate by 10%, it is **37.8928, 40.2641, 43.6082**.

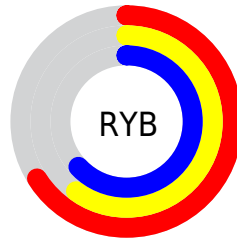
Distribution



Red (66%)

Green (60%)

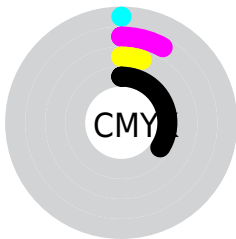
Blue (63%)



Red (66%)

Yellow (60%)

Blue (63%)

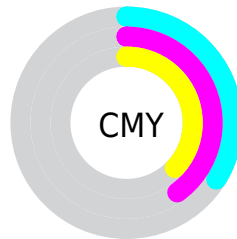


Cyan (0%)

Magenta (8%)

Yellow (5%)

Black (34%)



Cyan (34%)


Magenta (40%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.0492, 33.9741, 38.0208 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 34.0492, 33.9741, 38.0208 by changing the saturation by 10% instead.


 34.0492, 33.9741,
38.0208

 34.0492, 33.9741,
38.0208


311.9334,
320.0165, 353.0101

 23.0945, 22.8737,
25.6969


 65.3540, 65.8934,
73.3438

 14.7844, 14.5003,
16.3733


 86.4347, 87.4811,
97.1799

 8.7535, 8.4694,
9.6315

111.6215,
113.3333, 125.6906

 4.6366, 4.3968,
5.0529

141.2796,
143.8345, 159.2943

 2.0682, 1.8979,
2.2191

175.7746,
179.3690, 198.4095

 0.6718, 0.5471,
0.6853

215.4716,

 0.0000, 0.0000,

220.3213, 243.4549

0.0000

260.7361,
267.0756, 294.8489

■ 34.0492, 33.9741,
38.0208

■ 34.0492, 33.9741,
38.0208

■ 30.6605, 28.4892,
32.9060

■ 37.8928, 40.2641,
43.6082

■ 27.7064, 23.7723,
28.2485

■ 42.2049, 47.3855,
49.6785

■ 25.1691, 19.7900,
24.0355

■ 47.0021, 55.3689,
56.2443

■ 23.0287, 16.5047,
20.2525

■ 52.2994, 64.2420,
63.3171

■ 21.2632, 13.8754,
16.8843

■ 58.1110, 74.0312,
70.9081

■ 19.8487, 11.8568,
13.9144

■ 64.4506, 84.7620,
79.0280

■ 18.7582, 10.3978,
11.3250

■ 65.8034, 85.4028,
85.8446

■ 17.9604, 9.4388,
9.0965

■ 67.1679, 85.9486,
93.0299

■ 17.4011, 8.8746,
7.2011

■ 68.6075, 86.5245,
100.6108

Harmonies

Analogous

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



33.6269, 33.9741, 40.4501



34.0492, 33.9741, 38.0208



33.9939, 33.9741, 35.4247

Triad

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



34.0492, 33.9741, 38.0208



31.7394, 33.9741, 32.4033



31.1338, 33.9741, 40.8951

Complementary

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



34.0492, 33.9741, 38.0208



33.8519, 37.4848, 39.6353

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.



30.6466, 33.9741, 38.6049



34.0492, 33.9741, 38.0208



30.9917, 33.9741, 33.7368

Square

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



34.0492, 33.9741, 38.0208



32.6486, 33.9741, 32.2635



30.5951, 33.9741, 35.9820



31.9367, 33.9741, 42.1613

Rectangle

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



34.0492, 33.9741, 38.0208



33.6939, 33.9741, 33.9463



30.5951, 33.9741, 35.9820



30.9283, 33.9741, 40.2146

Sweetspot

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



34.0502, 33.9756, 38.0215



66.0798, 68.6627, 75.2752



33.5114, 33.6144, 41.7682



14.4203, 14.9947, 16.4325



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



34.0502, 33.9756, 38.0215



60.5880, 59.7010, 67.2118



33.6926, 34.0799, 35.3759



7.6595, 7.5937, 8.5243



13.1022, 6.6496, 5.3498



0.3446, 0.1721, 0.2661

Inverse Universe

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



34.0502, 33.9756, 38.0215



60.5880, 59.7010, 67.2118



34.2263, 37.3599, 42.4535



7.6595, 7.5937, 8.5243



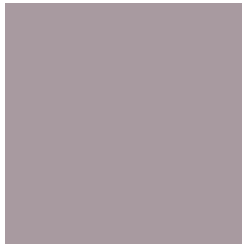
13.1022, 6.6496, 5.3498



0.3446, 0.1721, 0.2661

Previews

White Background



This preview shows how the XYZ color 34.0492, 33.9741, 38.0208 looks on a white background.

Color Contrast Check

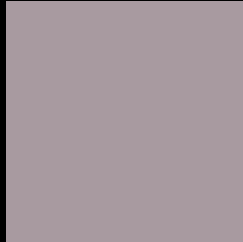
Large Text (above 18pt) WCAG AA × Fail

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 34.0492, 33.9741, 38.0208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

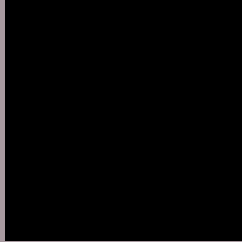
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.0492, 33.9741, 38.0208

Background



This preview shows how black text looks on a background with the XYZ color 34.0492, 33.9741, 38.0208.



This preview shows how white text looks on a background with the XYZ color 34.0492, 33.9741,

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

34.0492, 33.9741, 38.0208

Protanopia

32.8766, 34.0935, 39.0303

Deuteranopia

34.7497, 34.0912, 38.0065



Tritanopia

34.5449, 33.9341, 40.3265

Trichromacy



Original Color

34.0492, 33.9741, 38.0208

Protanomaly

33.2218, 34.0315, 38.5360

Deuteranomaly

34.5310, 33.9785, 37.9962

Tritanomaly

34.3643, 33.8618, 39.3751

Monochromacy



Original Color

34.0492, 33.9741, 38.0208

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

33.2153, 34.2985, 37.6705

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.0492, 33.9741, 38.0208 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(168, 154, 160)` looks like.

```
.text, #text, p{  
    color:rgb(168, 154, 160)  
}
```

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(168, 154, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 154, 160) }
```

Border

The CSS property to change the border of an element to XYZ 34.0492, 33.9741, 38.0208 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(168, 154, 160) }
```


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

```
.border{ border-color:rgb(168, 154, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 154, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 154, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 154, 160);  
box-shadow:4px 4px 4px 4px rgb(168, 154,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 34.0492, 33.9741, 38.0208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 154, 160) }
```

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

```
.background{ background-color: rgb(168,  
154, 160) }
```

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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