

Converting Colors

XYZ(33.3269, 34.4029, 40.8402)

Have a look what the booklet for
XYZ(33.3269, 34.4029, 40.8402)
contains.

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Color

**XYZ(33.2380, 34.2380,
40.9332)**

Conversions

Conversions Part 1

Format	Color
Hex	9F9DA6
RGB	159, 157, 166
RGB Percent	62%, 62%, 65%
CMY	0.3765, 0.3843, 0.3490
CMYK	0.04, 0.05, 0.00, 0.35
HSL	253°, 5%, 63%
HSV	253°, 5%, 65%
XYZ	33.2380, 34.2380, 40.9332
YIQ	158.6240, -1.6970, 3.2230

Conversions

Conversions Part 2

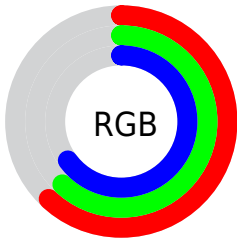
Format	Color
RYB	159, 157, 166
Decimal	10460582
CIELab	65.15, 2.48, -4.43
CIElCh	65, 5.074, 299.199
Yxy	34.2380, 0.3066, 0.3158
Android (android.graphics.Color)	4288650662 (0xFF9F9DA6)
YUV	158.6240, 3.6364, 0.3298
Hunter-Lab	58.5132, -1.0026, -0.5173

Details

The XYZ color **33.2380, 34.2380, 40.9332** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.0331, 37.6002, 37.3110**, and the grayscale version is **32.7684, 34.4749, 37.5431**.

A 20% lighter version of the original color is **64.3262, 66.6036, 77.8720**, and **14.3756, 14.7111, 18.0014** is the 20% darker color. If you saturate the color by 10%, you get **28.1898, 27.7465, 39.9468**, and if you desaturate by 10%, it is **38.9374, 41.6335, 42.0608**.

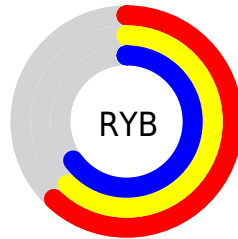
Distribution



Red (62%)

Green (62%)

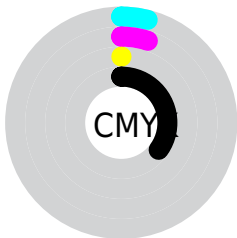
Blue (65%)



Red (62%)

Yellow (62%)

Blue (65%)

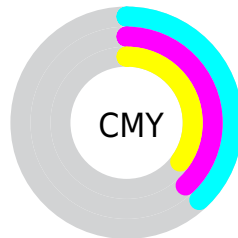


Cyan (4%)

Magenta (5%)

Yellow (0%)

Black (35%)



Cyan (38%)

Magenta (38%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.2380, 34.2380, 40.9332 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 33.2380, 34.2380, 40.9332 by changing the saturation by 10% instead.

■ 33.2380, 34.2380,
40.9332

■ 33.2380, 34.2380,
40.9332

308.3669,
321.1920, 365.7097

■ 22.4689, 23.0765,
27.9476

■ 64.0991, 66.3036,
77.8350

■ 14.3204, 14.6500,
18.0475

■ 84.9219, 87.9765,
102.5884

■ 8.4270, 8.5741,
10.8143

109.8266,
113.9220, 132.1013

■ 4.4235, 4.4645,
5.8295

139.1786,
144.5244, 166.7925

■ 1.9444, 1.9366,
2.6746

173.3433,
180.1683, 207.0803

■ 0.6024, 0.5703,
0.9306

212.6860,

■ 0.0000, 0.0000,

221.2379, 253.3835

0.0000

257.5721,
268.1177, 306.1204

■ 33.2380, 34.2380,
40.9332

■ 33.2380, 34.2380,
40.9332

■ 28.1898, 27.7465,
39.9468

■ 38.9374, 41.6335,
42.0608

■ 23.7663, 22.1199,
39.0939

■ 45.3072, 49.9616,
43.3326

■ 19.9437, 17.3227,
38.3694

■ 52.3696, 59.2549,
44.7541

■ 16.6952, 13.3149,
37.7671

■ 60.1449, 69.5432,
46.3302

■ 13.9924, 10.0537,
37.2800

■ 68.6524, 80.8549,
48.0651

■ 11.8040, 7.4917,
36.9009

■ 77.3968, 92.1894,
49.7921

■ 10.0953, 5.5762,
36.6212

■ 81.8529, 94.4866,
50.0006

■ 8.8274, 4.2467,
36.4314

■ 83.8830, 95.5332,
50.0956

■ 7.9524, 3.4270,
36.3193

Harmonies

Analogous

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



32.5224, 34.2380, 41.4838



33.2380, 34.2380, 40.9332



33.7739, 34.2380, 39.3950

Triad

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



33.2380, 34.2380, 40.9332



33.2728, 34.2380, 33.9029



31.1465, 34.2380, 37.2227

Complementary

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



33.2380, 34.2380, 40.9332



35.0331, 37.6002, 37.3110

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.



31.3408, 34.2380, 35.2408



33.2380, 34.2380, 40.9332



32.5620, 34.2380, 33.3691

Square

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



33.2380, 34.2380, 40.9332



33.7942, 34.2380, 35.3355



31.8562, 34.2380, 33.8497



31.3215, 34.2380, 39.2933

Rectangle

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



33.2380, 34.2380, 40.9332



33.9532, 34.2380, 38.0446



31.8562, 34.2380, 33.8497



31.1708, 34.2380, 36.5245

Sweetspot

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



33.2390, 34.2395, 40.9340



63.6895, 66.4941, 74.9531



34.0731, 36.4911, 41.3246



14.2784, 14.9137, 16.7782



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.



33.2390, 34.2395, 40.9340



58.6755, 60.0113, 73.9661



34.1376, 34.7027, 40.9760



7.5065, 7.6674, 9.5027



5.9595, 2.4557, 28.1354



0.1866, 0.0812, 0.6865

Inverse Universe

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



34.4849, 34.9027, 40.0429



61.6212, 61.5800, 71.8430



34.1305, 37.1349, 37.2688



7.9009, 7.8774, 9.2181



15.2926, 7.5258, 16.8842



0.3893, 0.1900, 0.5013

Previews

White Background



This preview shows how the XYZ color 33.2380, 34.2380, 40.9332 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 33.2380, 34.2380, 40.9332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

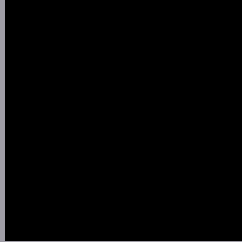
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

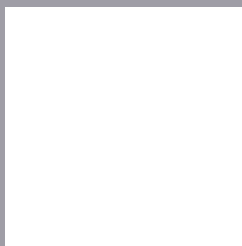
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.2380, 34.2380, 40.9332

Background



This preview shows how black text looks on a background with the XYZ color 33.2380, 34.2380, 40.9332.



This preview shows how white text looks on a background with the XYZ color 33.2380, 34.2380, 40.9332.

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

33.2380, 34.2380, 40.9332

Protanopia

33.2380, 34.2380, 40.9332

Deuteranopia

34.7285, 34.0075, 41.2929



Tritanopia

33.5165, 34.3494, 42.3997

Trichromacy



Original Color

33.2380, 34.2380, 40.9332

Protanomaly

33.2380, 34.2380, 40.9332

Deuteranomaly

34.0477, 33.9006, 41.3082

Tritanomaly

33.4229, 34.3120, 41.9071

Monochromacy



Original Color

33.2380, 34.2380, 40.9332

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

33.0465, 34.4333, 39.0870

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.2380, 34.2380, 40.9332 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(159, 157, 166)` looks like.

```
.text, #text, p{  
    color:rgb(159, 157, 166)  
}
```

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(159, 157, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 157, 166) }
```

Border

The CSS property to change the border of an element to XYZ 33.2380, 34.2380, 40.9332 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(159, 157, 166) }
```


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

```
.border{ border-color:rgb(159, 157, 166) }
```

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

Here you see how a box with a 4 pixel rgb(159, 157, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 157, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 157, 166);  
box-shadow:4px 4px 4px 4px rgb(159, 157,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 33.2380, 34.2380, 40.9332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 157, 166) }
```

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

```
.background{ background-color: rgb(159,  
157, 166) }
```

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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