

Converting Colors

XYZ(32.9589, 33.8013, 41.7808)

Have a look what the booklet for
XYZ(32.9589, 33.8013, 41.7808)
contains.

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Color

**XYZ(33.0569, 33.8732,
41.8417)**

Conversions

Conversions Part 1

Format	Color
Hex	9E9CA8
RGB	158, 156, 168
RGB Percent	62%, 61%, 66%
CMY	0.3804, 0.3882, 0.3412
CMYK	0.06, 0.07, 0.00, 0.34
HSL	250°, 6%, 64%
HSV	250°, 7%, 66%
XYZ	33.0569, 33.8732, 41.8417
YIQ	157.9660, -2.6600, 4.1560

Conversions

Conversions Part 2

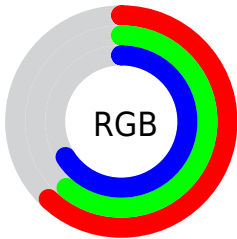
Format	Color
RYB	158, 156, 168
Decimal	10394792
CIELab	64.86, 3.08, -5.99
CIELCh	65, 6.734, 297.228
Yxy	33.8732, 0.3039, 0.3114
Android (android.graphics.Color)	4288584872 (0xFF9E9CA8)
YUV	157.9660, 4.9468, 0.0298
Hunter-Lab	58.2007, -0.4665, -1.8843

Details

The XYZ color **33.0569, 33.8732, 41.8417** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.7306, 38.5135, 37.0048**, and the grayscale version is **32.4640, 34.1546, 37.1944**.

A 20% lighter version of the original color is **63.8064, 65.5670, 79.1048**, and **14.2674, 14.4899, 18.5679** is the 20% darker color. If you saturate the color by 10%, you get **27.8314, 27.2806, 40.8451**, and if you desaturate by 10%, it is **38.9882, 41.4103, 42.9844**.

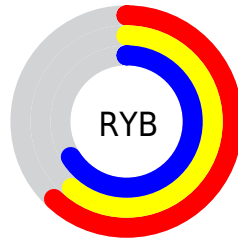
Distribution



Red (62%)

Green (61%)

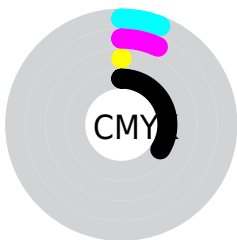
Blue (66%)



Red (62%)

Yellow (61%)

Blue (66%)

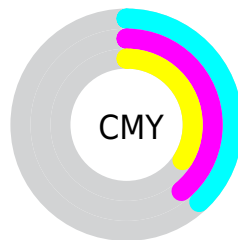


Cyan (6%)

Magenta (7%)

Yellow (0%)

Black (34%)



Cyan (38%)

Magenta (39%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.0569, 33.8732, 41.8417 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 33.0569, 33.8732, 41.8417 by changing the saturation by 10% instead.

■ 33.0569, 33.8732,
41.8417

■ 33.0569, 33.8732,
41.8417

307.5665,
319.5663, 369.6066

■ 22.3295, 22.7962,
28.6527

■ 63.8184, 65.7364,
79.2275

■ 14.2172, 14.4431,
18.5749

■ 84.5833, 87.2915,
104.2614

■ 8.3546, 8.4295,
11.1899

109.4246,
113.1080, 134.0806

■ 4.3764, 4.3710,
6.0789

138.7078,
143.5703, 169.1038

■ 1.9172, 1.8832,
2.8236

172.7983,
179.0629, 209.7495

■ 0.5868, 0.5382,
1.0053

212.0613,

■ 0.0000, 0.0000,

219.9702, 256.4361

0.0000

256.8623,
266.6765, 309.5823

■ 33.0569, 33.8732,
41.8417

■ 33.0569, 33.8732,
41.8417

■ 27.8314, 27.2806,
40.8451

■ 38.9882, 41.4103,
42.9844

■ 23.2824, 21.5910,
39.9867

■ 45.6473, 49.9228,
44.2765

■ 19.3827, 16.7662,
39.2609

■ 53.0589, 59.4455,
45.7239

■ 16.1023, 12.7634,
38.6612

■ 61.2458, 70.0099,
47.3316

■ 13.4087, 9.5364,
38.1803

■ 70.2295, 81.6466,
49.1042

■ 11.2666, 7.0341,
37.8102

■ 79.4527, 93.2279,
50.8535

■ 9.6363, 5.1994,
37.5420

■ 84.0680, 95.6072,
51.0695

■ 8.4730, 3.9663,
37.3653

■ 7.7150, 3.2381,
37.2647

Harmonies

Analogous

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



32.1053, 33.8732, 42.4824



33.0569, 33.8732, 41.8417



33.7903, 33.8732, 39.8515

Triad

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



33.0569, 33.8732, 41.8417



33.2162, 33.8732, 32.5682



30.3672, 33.8732, 36.6243

Complementary

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



33.0569, 33.8732, 41.8417



35.7306, 38.5135, 37.0048

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.



30.6516, 33.8732, 34.0641



33.0569, 33.8732, 41.8417



32.2858, 33.8732, 31.7971

Square

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



33.0569, 33.8732, 41.8417



33.8836, 33.8732, 34.4904



31.3491, 33.8732, 32.3309



30.5644, 33.8732, 39.3820

Rectangle

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



33.0569, 33.8732, 41.8417



34.0500, 33.8732, 38.0764



31.3491, 33.8732, 32.3309



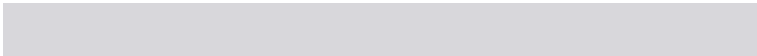
30.4095, 33.8732, 35.7132

Sweetspot

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



33.0579, 33.8746, 41.8424



65.3182, 68.2322, 76.9526



34.4519, 37.2413, 42.4188



14.2636, 14.9061, 16.7775



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.



33.0579, 33.8746, 41.8424



57.9664, 58.9120, 75.5411



34.2261, 34.4769, 41.8971



7.2439, 7.3583, 9.4568



5.7291, 2.3369, 28.1246



0.1724, 0.0739, 0.6858

Inverse Universe

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



34.9211, 34.8565, 40.9656



62.2535, 61.1717, 73.5014



34.5417, 37.9006, 36.9492



7.7875, 7.6449, 9.1981



15.7871, 7.7236, 19.4884



0.3979, 0.1934, 0.5468

Previews

White Background



This preview shows how the XYZ color 33.0569, 33.8732, 41.8417 looks on a white background.

Color Contrast Check

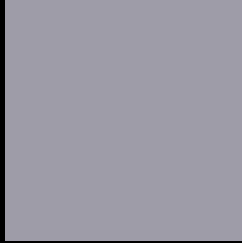
Large Text (above 18pt) WCAG AA × Fail

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 33.0569, 33.8732, 41.8417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

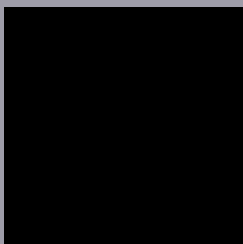
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

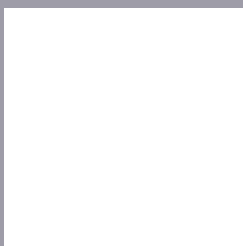
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.0569, 33.8732, 41.8417

Background



This preview shows how black text looks on a background with the XYZ color 33.0569, 33.8732, 41.8417.



This preview shows how white text looks on a background with the XYZ color 33.0569, 33.8732,

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

33.0569, 33.8732, 41.8417

Protanopia

32.8610, 33.7722, 41.8325

Deuteranopia

34.4890, 33.8625, 42.2545



Tritanopia

33.0569, 33.8732, 41.8417

Trichromacy



Original Color

33.0569, 33.8732, 41.8417

Protanomaly

32.8610, 33.7722, 41.8325

Deuteranomaly

34.0269, 33.8683, 42.2799

Tritanomaly

33.0569, 33.8732, 41.8417

Monochromacy



Original Color

33.0569, 33.8732, 41.8417

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.6791, 33.9917, 39.0211

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.0569, 33.8732, 41.8417 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(158, 156, 168)` looks like.

```
.text, #text, p{  
    color:rgb(158, 156, 168)  
}
```

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(158, 156, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 156, 168) }
```

Border

The CSS property to change the border of an element to XYZ 33.0569, 33.8732, 41.8417 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(158, 156, 168) }
```


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

```
.border{ border-color:rgb(158, 156, 168) }
```

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

Here you see how a box with a 4 pixel rgb(158, 156, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 156, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 156, 168);  
box-shadow:4px 4px 4px 4px rgb(158, 156,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 33.0569, 33.8732, 41.8417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 156, 168) }
```

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

```
.background{ background-color: rgb(158,  
156, 168) }
```

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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