

Converting Colors

XYZ(32.0463, 33.3236, 38.1059)

Have a look what the booklet for
XYZ(32.0463, 33.3236, 38.1059)
contains.

XYZ(32.1383, 33.4831, 38.0267)	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(32.1383, 33.4831,
38.0267)**

Conversions

Conversions Part 1

Format	Color
Hex	9D9CA0
RGB	157, 156, 160
RGB Percent	62%, 61%, 63%
CMY	0.3843, 0.3882, 0.3725
CMYK	0.02, 0.02, 0.00, 0.37
HSL	255°, 2%, 62%
HSV	255°, 2%, 63%
XYZ	32.1383, 33.4831, 38.0267
YIQ	156.7550, -0.6880, 1.4560

Conversions

Conversions Part 2

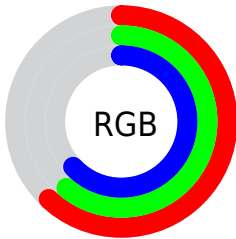
Format	Color
RYB	157, 156, 160
Decimal	10329248
CIELab	64.55, 1.14, -1.96
CIELCh	65, 2.270, 300.053
Yxy	33.4831, 0.3101, 0.3230
Android (android.graphics.Color)	4288519328 (0xFF9D9CA0)
YUV	156.7550, 1.5998, 0.2149
Hunter-Lab	57.8646, -2.1232, 1.5418

Details

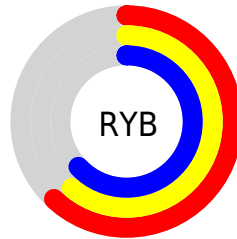
The XYZ color **32.1383, 33.4831, 38.0267** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.8708, 34.9137, 36.4607**, and the grayscale version is **31.9318, 33.5948, 36.5847**.

A 20% lighter version of the original color is **62.4637, 64.9965, 73.5434**, and **13.7558, 14.2714, 16.4977** is the 20% darker color. If you saturate the color by 10%, you get **27.4000, 27.3146, 37.0863**, and if you desaturate by 10%, it is **37.4624, 40.4805, 39.0972**.

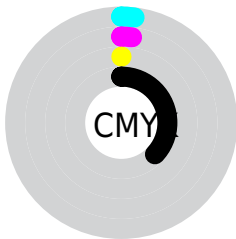
Distribution



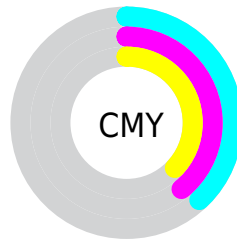
- Red (62%)
- Green (61%)
- Blue (63%)



- Red (62%)
- Yellow (61%)
- Blue (63%)



- Cyan (2%)
- Magenta (2%)
- Yellow (0%)
- Black (37%)



- Cyan (38%)
- Magenta (39%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.1383, 33.4831, 38.0267 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 32.1383, 33.4831, 38.0267 by changing the saturation by 10% instead.

■ 32.1383, 33.4831,
38.0267

■ 32.1383, 33.4831,
38.0267

303.4829,
317.8210, 353.0361

■ 21.6232, 22.4968,
25.7014

■ 62.3916, 65.1290,
73.3529

■ 13.6954, 14.2224,
16.3766

■ 82.8605, 86.5575,
97.1910

■ 7.9894, 8.2755,
9.6338

107.3780,
112.2354, 125.7037

■ 4.1399, 4.2717,
5.0544

136.3096,
142.5471, 159.3096

■ 1.7816, 1.8267,
2.2199

170.0205,
177.8772, 198.4272

■ 0.5065, 0.5037,
0.6858

208.8761,

■ 0.0000, 0.0000,

218.6099, 243.4752

0.0000

253.2418,
265.1298, 294.8720

■ 32.1383, 33.4831,
38.0267

■ 32.1383, 33.4831,
38.0267

■ 27.4000, 27.3146,
37.0863

■ 37.4624, 40.4805,
39.0972

■ 23.2244, 21.9399,
36.2690

■ 43.3888, 48.3318,
40.3003

■ 19.5908, 17.3276,
35.5702

■ 49.9368, 57.0660,
41.6411

■ 16.4763, 13.4426,
34.9845

■ 57.1241, 66.7098,
43.1237

■ 13.8563, 10.2471,
34.5058

■ 64.9675, 77.2885,
44.7522

■ 11.7041, 7.6997,
34.1275

■ 73.4833, 88.8264,
46.5304

■ 9.9903, 5.7544,
33.8424

■ 78.3972, 92.7673,
47.0321

■ 8.6819, 4.3592,
33.6420

■ 82.6331, 94.9509,
47.2303

■ 7.7406, 3.4526,
33.5166

■ 83.3453, 95.3181,
47.2637

Harmonies

Analogous

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



31.8253, 33.4831, 38.2744



32.1383, 33.4831, 38.0267



32.3686, 33.4831, 37.3571

Triad

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



32.1383, 33.4831, 38.0267



32.1373, 33.4831, 34.9303



31.2046, 33.4831, 36.4591

Complementary

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



32.1383, 33.4831, 38.0267



32.8708, 34.9137, 36.4607

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.



31.2869, 33.4831, 35.5723



32.1383, 33.4831, 38.0267



31.8241, 33.4831, 34.6988

Square

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



32.1383, 33.4831, 38.0267



32.3680, 33.4831, 35.5695



31.5131, 33.4831, 34.9319



31.2875, 33.4831, 37.3600

Rectangle

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



32.1383, 33.4831, 38.0267



32.4435, 33.4831, 36.7671



31.5131, 33.4831, 34.9319



31.2138, 33.4831, 36.1495

Sweetspot

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



32.1393, 33.4845, 38.0274



59.7167, 62.5804, 69.3184



32.4662, 34.4262, 38.1920



13.1090, 13.7409, 15.2050



76.7382, 80.7346, 87.9200



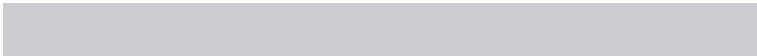
13.3056, 13.9985, 15.2444

Same Dimension

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



32.1393, 33.4845, 38.0274



57.8457, 60.1315, 68.9443



32.5196, 33.6806, 38.0452



7.0244, 7.2831, 8.4422



5.6579, 2.3458, 26.0618



0.1362, 0.0600, 0.4676

Inverse Universe

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



32.6448, 33.7552, 37.5973



58.9658, 60.7313, 67.9890



32.4903, 34.7175, 36.4429



7.1899, 7.3717, 8.3008



13.9553, 6.8867, 14.5474



0.2652, 0.1294, 0.3424

Previews

White Background



This preview shows how the XYZ color 32.1383, 33.4831, 38.0267 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 32.1383, 33.4831, 38.0267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

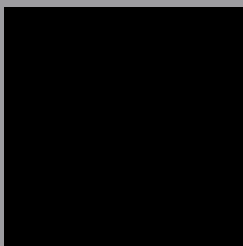
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

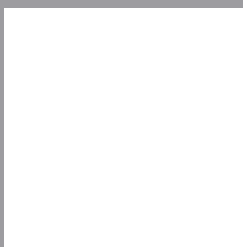
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.1383, 33.4831, 38.0267

Background



This preview shows how black text looks on a background with the XYZ color 32.1383, 33.4831, 38.0267.



This preview shows how white text looks on a background with the XYZ color 32.1383, 33.4831,

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

32.1383, 33.4831, 38.0267

Protanopia

32.3342, 33.5841, 38.0359

Deuteranopia

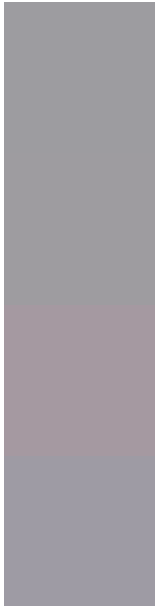
34.2388, 33.5757, 38.3944



Tritanopia

32.7969, 33.5018, 41.2971

Trichromacy



Original Color

32.1383, 33.4831, 38.0267

Protanomaly

32.3342, 33.5841, 38.0359

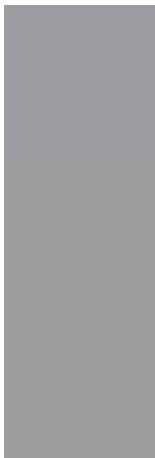
Deuteranomaly

33.3413, 33.3550, 38.3991

Tritanomaly

32.5227, 33.3921, 39.8532

Monochromacy



Original Color

32.1383, 33.4831, 38.0267

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

32.1332, 33.7507, 37.1687

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1383, 33.4831, 38.0267 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(157, 156, 160)` looks like.

```
.text, #text, p{  
    color:rgb(157, 156, 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(157, 156, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 156, 160) }
```

Border

The CSS property to change the border of an element to XYZ 32.1383, 33.4831, 38.0267 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(157, 156, 160) }
```


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

```
.border{ border-color:rgb(157, 156, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 156, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 156, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 156, 160);  
box-shadow:4px 4px 4px 4px rgb(157, 156,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1383, 33.4831, 38.0267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 156, 160) }
```

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

```
.background{ background-color: rgb(157,  
156, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor