

Converting Colors

XYZ(32.8568, 33.1708, 39.0146)

Have a look what the booklet for
XYZ(32.8568, 33.1708, 39.0146)
contains.

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Color

**XYZ(32.8131, 33.0725,
38.8366)**

Conversions

Conversions Part 1

Format	Color
Hex	A299A2
RGB	162, 153, 162
RGB Percent	64%, 60%, 64%
CMY	0.3647, 0.4000, 0.3647
CMYK	0.00, 0.06, 0.00, 0.36
HSL	300°, 5%, 62%
HSV	300°, 6%, 64%
XYZ	32.8131, 33.0725, 38.8366
YIQ	156.7170, 2.4750, 4.7070

Conversions

Conversions Part 2

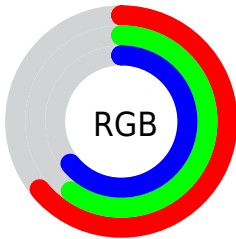
Format	Color
RYB	162, 153, 162
Decimal	10656162
CIELab	64.22, 4.98, -3.53
CIELCh	64, 6.105, 324.703
Yxy	33.0725, 0.3133, 0.3158
Android (android.graphics.Color)	4288846242 (0xFFA299A2)
YUV	156.7170, 2.6045, 4.6332
Hunter-Lab	57.5087, 1.2077, 0.2165

Details

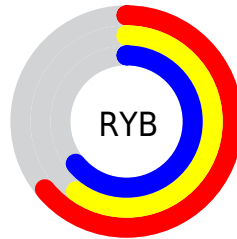
The XYZ color **32.8131, 33.0725, 38.8366** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.8082, 34.9138, 35.2013**, and the grayscale version is **31.9094, 33.5712, 36.5590**.

A 20% lighter version of the original color is **63.4525, 64.3871, 74.7293**, and **13.9963, 13.9435, 16.7055** is the 20% darker color. If you saturate the color by 10%, you get **30.3400, 28.1258, 38.0126**, and if you desaturate by 10%, it is **35.6482, 38.7421, 39.7820**.

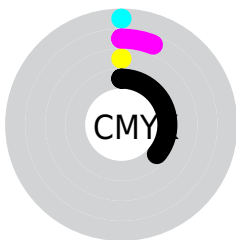
Distribution



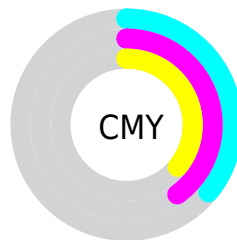
- Red (64%)
- Green (60%)
- Blue (64%)



- Red (64%)
- Yellow (60%)
- Blue (64%)



- Cyan (0%)
- Magenta (6%)
- Yellow (0%)
- Black (36%)



- Cyan (36%)
- Magenta (40%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.8131, 33.0725, 38.8366 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 32.8131, 33.0725, 38.8366 by changing the saturation by 10% instead.

■ 32.8131, 33.0725,
38.8366

■ 32.8131, 33.0725,
38.8366

306.4866,
315.9763, 356.6005

■ 22.1419, 22.1820,
26.3258

■ 63.4403, 64.4887,
74.6062

■ 14.0784, 13.9907,
16.8396

■ 84.1269, 85.7832,
98.7021

■ 8.2573, 8.1142,
9.9594

108.8827,
111.3145, 127.4968

■ 4.3132, 4.1681,
5.2668

138.0730,
141.4669, 161.4087

■ 1.8808, 1.7680,
2.3432

172.0632,
176.6249, 200.8565

■ 0.5656, 0.4671,
0.7553

211.2186,

■ 0.0000, 0.0000,

217.1729, 246.2587

0.0000

255.9046,
263.4952, 298.0339

■ 32.8131, 33.0725,
38.8366

■ 32.8131, 33.0725,
38.8366

■ 30.3400, 28.1258,
38.0126

■ 35.6482, 38.7421,
39.7820

■ 28.2114, 23.8688,
37.3031

■ 38.8559, 45.1575,
40.8512

■ 26.4131, 20.2722,
36.7037

■ 42.4500, 52.3458,
42.0493

■ 24.9285, 17.3030,
36.2088

■ 46.4430, 60.3316,
43.3803

■ 23.7396, 14.9253,
35.8125

■ 50.8464, 69.1384,
44.8481

■ 22.8267, 13.0994,
35.5082

■ 55.6715, 78.7887,
46.4564

■ 22.1675, 11.7810,
35.2885

■ 57.1823, 81.8102,
46.9600

■ 21.7365, 10.9190,
35.1448

■ 57.1823, 81.8102,
46.9600

■ 21.5002, 10.4464,
35.0661

■ 57.1824, 81.8103,
46.9600

Harmonies

Analogous

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



32.1354, 33.0725, 40.5187



32.8131, 33.0725, 38.8366



33.1217, 33.0725, 36.4523

Triad

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



32.8131, 33.0725, 38.8366



31.5884, 33.0725, 31.4676



29.9458, 33.0725, 38.0403

Complementary

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



32.8131, 33.0725, 38.8366



31.8082, 34.9138, 35.2013

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.



29.8054, 33.0725, 35.5719



32.8131, 33.0725, 38.8366



30.7437, 33.0725, 31.8495

Square

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



32.8131, 33.0725, 38.8366



32.4064, 33.0725, 32.2568



30.0949, 33.0725, 33.3246



30.4821, 33.0725, 40.0443

Rectangle

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



32.8131, 33.0725, 38.8366



33.0726, 33.0725, 34.8135



30.0949, 33.0725, 33.3246



29.8512, 33.0725, 37.2343

Sweetspot

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



32.8141, 33.0739, 38.8373



61.3041, 63.5089, 71.0835



31.0757, 32.2143, 38.7630



13.7818, 14.2902, 15.9694



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



32.8141, 33.0739, 38.8373



58.8188, 58.5383, 70.2551



32.4341, 32.9219, 36.8362



7.4738, 7.4210, 8.9416



16.8765, 8.1066, 27.6050



0.3546, 0.1703, 0.5800

Inverse Universe

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



32.0425, 32.7653, 34.7743



57.0384, 57.8261, 60.8793



32.1741, 35.0601, 37.1279



7.2384, 7.3269, 7.7023



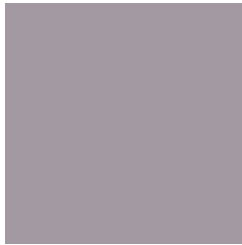
11.7388, 6.0516, 0.5494



0.2467, 0.1272, 0.0115

Previews

White Background



This preview shows how the XYZ color 32.8131, 33.0725, 38.8366 looks on a white background.

Color Contrast Check

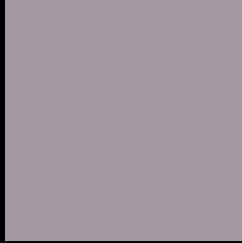
Large Text (above 18pt) WCAG AA × Fail

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 32.8131, 33.0725, 38.8366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

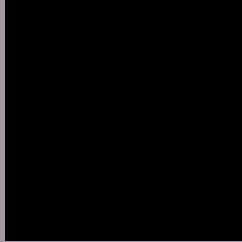
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.8131, 33.0725, 38.8366

Background



This preview shows how black text looks on a background with the XYZ color 32.8131, 33.0725, 38.8366.



This preview shows how white text looks on a background with the XYZ color 32.8131, 33.0725,

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

32.8131, 33.0725, 38.8366

Protanopia

32.0425, 33.1550, 39.3611

Deuteranopia

33.7366, 33.0667, 38.7868



Tritanopia

33.0831, 33.1805, 40.2581

Trichromacy



Original Color

32.8131, 33.0725, 38.8366

Protanomaly

32.2670, 33.0246, 39.3241

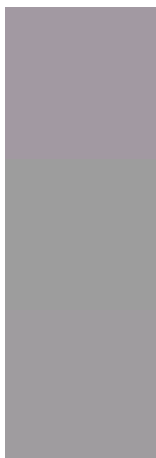
Deuteranomaly

33.4757, 33.1721, 38.8209

Tritanomaly

32.9924, 33.1442, 39.7805

Monochromacy



Original Color

32.8131, 33.0725, 38.8366

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

32.4446, 33.6511, 37.5862

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.8131, 33.0725, 38.8366 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(162, 153, 162)` looks like.

```
.text, #text, p{  
    color:rgb(162, 153, 162)  
}
```

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(162, 153, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 153, 162) }
```

Border

The CSS property to change the border of an element to XYZ 32.8131, 33.0725, 38.8366 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(162, 153, 162) }
```


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

```
.border{ border-color:rgb(162, 153, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 153, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 153, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 153, 162);  
box-shadow:4px 4px 4px 4px rgb(162, 153,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 32.8131, 33.0725, 38.8366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 153, 162) }
```

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

```
.background{ background-color: rgb(162,  
153, 162) }
```

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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