

Converting Colors

XYZ(32.1039, 33.7538, 40.8094)

Have a look what the booklet for
XYZ(32.1039, 33.7538, 40.8094)
contains.

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Color

**XYZ(32.0768, 33.6394,
40.8788)**

Conversions

Conversions Part 1

Format	Color
Hex	999DA6
RGB	153, 157, 166
RGB Percent	60%, 62%, 65%
CMY	0.4000, 0.3843, 0.3490
CMYK	0.08, 0.05, 0.00, 0.35
HSL	222°, 7%, 63%
HSV	222°, 8%, 65%
XYZ	32.0768, 33.6394, 40.8788
YIQ	156.8300, -5.2730, 1.9510

Conversions

Conversions Part 2

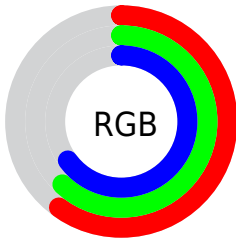
Format	Color
RYB	153, 156, 166
Decimal	10067366
CIELab	64.68, 0.38, -5.19
CIElCh	65, 5.199, 274.136
Yxy	33.6394, 0.3009, 0.3156
Android (android.graphics.Color)	4288257446 (0xFF999DA6)
YUV	156.8300, 4.5208, -3.3589
Hunter-Lab	57.9995, -2.7791, -1.1887

Details

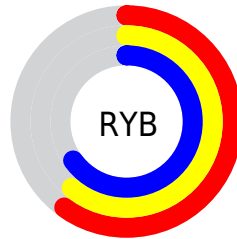
The XYZ color **32.0768, 33.6394, 40.8788** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.3962, 36.2474, 35.3213**, and the grayscale version is **31.9543, 33.6184, 36.6104**.

A 20% lighter version of the original color is **62.3268, 65.5728, 77.7785**, and **13.6708, 14.3478, 17.9685** is the 20% darker color. If you saturate the color by 10%, you get **27.3058, 28.4293, 40.1251**, and if you desaturate by 10%, it is **37.4685, 39.4427, 41.7153**.

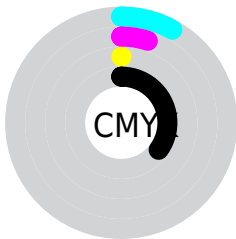
Distribution



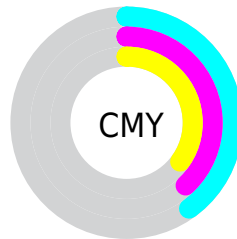
- Red (60%)
- Green (62%)
- Blue (65%)



- Red (60%)
- Yellow (61%)
- Blue (65%)



- Cyan (8%)
- Magenta (5%)
- Yellow (0%)
- Black (35%)



- Cyan (40%)
- Magenta (38%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.0768, 33.6394, 40.8788 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 32.0768, 33.6394, 40.8788 by changing the saturation by 10% instead.

■ 32.0768, 33.6394,
40.8788

■ 32.0768, 33.6394,
40.8788

303.2080,
318.5211, 365.4754

■ 21.5760, 22.6167,
27.9054

■ 62.2958, 65.3725,
77.7515

■ 13.6605, 14.3108,
18.0159

■ 82.7448, 86.8517,
102.4880

■ 7.9651, 8.3371,
10.7919

107.2405,
112.5852, 131.9825

■ 4.1242, 4.3114,
5.8147

136.1484,
142.9575, 166.6537

■ 1.7726, 1.8492,
2.6657

169.8337,
178.3528, 206.9200

■ 0.5011, 0.5176,
0.9261

208.6618,

■ 0.0000, 0.0000,

219.1555, 253.2000

0.0000

252.9982,
265.7502, 305.9123

■ 32.0768, 33.6394,
40.8788

■ 32.0768, 33.6394,
40.8788

■ 27.3058, 28.4293,
40.1251

■ 37.4685, 39.4427,
41.7153

■ 23.1297, 23.7890,
39.4496

■ 43.4996, 45.8532,
42.6348

■ 19.5250, 19.6994,
38.8502

■ 50.1918, 52.8900,
43.6403

■ 16.4657, 16.1390,
38.3242

■ 57.5646, 60.5698,
44.7341

■ 13.9235, 13.0846,
37.8686

■ 65.6369, 68.9087,
45.9182

■ 11.8675, 10.5112,
37.4803

■ 74.4269, 77.9223,
47.1947

■ 10.2631, 8.3914,
37.1557

■ 78.5323, 84.8317,
48.3120

■ 9.0709, 6.6945,
36.8910

■ 81.9743, 91.7158,
49.4593

■ 8.2286, 5.3774,
36.6811

■ 83.8830, 95.5332,
50.0955

Harmonies

Analogous

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



31.3517, 33.6394, 40.4492



32.0768, 33.6394, 40.8788



32.7848, 33.6394, 40.1335

Triad

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



32.0768, 33.6394, 40.8788



33.1750, 33.6394, 34.3707



30.7000, 33.6394, 34.8649

Complementary

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



32.0768, 33.6394, 40.8788



34.3962, 36.2474, 35.3213

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.



31.1752, 33.6394, 33.3321



32.0768, 33.6394, 40.8788



32.6029, 33.6394, 33.0546

Square

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



32.0768, 33.6394, 40.8788



33.4251, 33.6394, 36.3321



31.8699, 33.6394, 32.6818



30.5641, 33.6394, 36.9247

Rectangle

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



32.0768, 33.6394, 40.8788



33.1496, 33.6394, 39.0869



31.8699, 33.6394, 32.6818



30.8250, 33.6394, 34.2736

Sweetspot

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



32.0778, 33.6408, 40.8795



63.7463, 67.0220, 75.0520



33.2849, 36.6498, 39.4485



14.2905, 15.0254, 16.7991



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.



32.0778, 33.6408, 40.8795



56.9959, 59.7289, 74.0001



31.8661, 32.5429, 40.6788



7.3132, 7.6633, 9.5121



6.2962, 4.0526, 28.4259



0.1980, 0.1883, 0.7066

Inverse Universe

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



33.2037, 33.3245, 36.5821



59.3714, 59.0798, 64.9293



34.6174, 37.4247, 35.5369



7.6227, 7.5789, 8.3302



12.6786, 6.4802, 3.1192



0.3311, 0.1667, 0.1951

Previews

White Background



This preview shows how the XYZ color 32.0768, 33.6394, 40.8788 looks on a white background.

Color Contrast Check

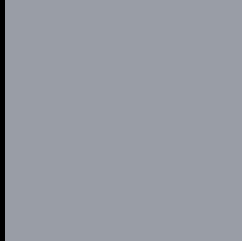
Large Text (above 18pt) WCAG AA × Fail

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 32.0768, 33.6394, 40.8788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

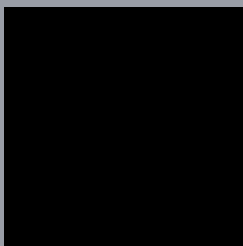
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

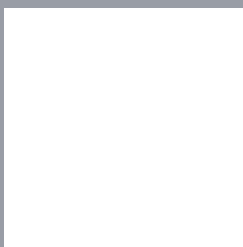
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.0768, 33.6394, 40.8788

Background



This preview shows how black text looks on a background with the XYZ color 32.0768, 33.6394, 40.8788.



This preview shows how white text looks on a background with the XYZ color 32.0768, 33.6394,

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

32.0768, 33.6394, 40.8788

Protanopia

32.5846, 33.6616, 40.3773

Deuteranopia

34.1396, 33.4620, 41.2187



Tritanopia

32.3553, 33.7508, 42.3454

Trichromacy



Original Color

32.0768, 33.6394, 40.8788

Protanomaly

32.3903, 33.5615, 40.3682

Deuteranomaly

33.4309, 33.5826, 41.2793

Tritanomaly

32.2617, 33.7134, 41.8527

Monochromacy



Original Color

32.0768, 33.6394, 40.8788

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

32.1124, 33.7199, 38.0738

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.0768, 33.6394, 40.8788 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(153, 157, 166)` looks like.

```
.text, #text, p{  
    color:rgb(153, 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(153, 157, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 157, 166) }
```

Border

The CSS property to change the border of an element to XYZ 32.0768, 33.6394, 40.8788 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(153, 157, 166) }
```


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

```
.border{ border-color:rgb(153, 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(153, 157, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 157, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 157, 166);  
box-shadow:4px 4px 4px 4px rgb(153, 157,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 32.0768, 33.6394, 40.8788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 157, 166) }
```

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

```
.background{ background-color: rgb(153,  
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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