

Converting Colors

XYZ(32.6406, 34.0472, 40.0276)

Have a look what the booklet for
XYZ(32.6406, 34.0472, 40.0276)
contains.

XYZ(32.4681, 33.8622, 39.9468)	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(32.4681, 33.8622,
39.9468)**

Conversions

Conversions Part 1

Format	Color
Hex	9C9DA4
RGB	156, 157, 164
RGB Percent	61%, 62%, 64%
CMY	0.3882, 0.3843, 0.3569
CMYK	0.05, 0.04, 0.00, 0.36
HSL	232°, 4%, 63%
HSV	232°, 5%, 64%
XYZ	32.4681, 33.8622, 39.9468
YIQ	157.4990, -2.8430, 1.9650

Conversions

Conversions Part 2

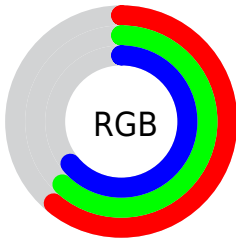
Format	Color
RYB	156, 157, 164
Decimal	10263972
CIELab	64.85, 1.02, -3.77
CIELCh	65, 3.909, 285.106
Yxy	33.8622, 0.3055, 0.3186
Android (android.graphics.Color)	4288454052 (0xFF9C9DA4)
YUV	157.4990, 3.2050, -1.3146
Hunter-Lab	58.1912, -2.2397, 0.0328

Details

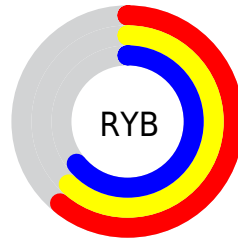
The XYZ color **32.4681, 33.8622, 39.9468** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.4078, 36.4868, 36.6822**, and the grayscale version is **32.2604, 33.9405, 36.9612**.

A 20% lighter version of the original color is **62.9080, 65.9031, 76.4228**, and **13.9044, 14.4812, 17.3915** is the 20% darker color. If you saturate the color by 10%, you get **27.2204, 27.7640, 39.0468**, and if you desaturate by 10%, it is **38.4312, 40.7541, 40.9633**.

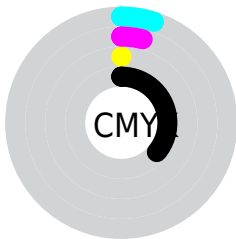
Distribution



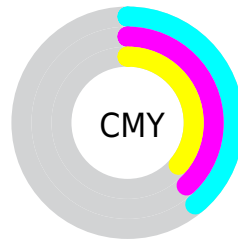
- Red (61%)
- Green (62%)
- Blue (64%)



- Red (61%)
- Yellow (62%)
- Blue (64%)



- Cyan (5%)
- Magenta (4%)
- Yellow (0%)
- Black (36%)



- Cyan (39%)
- Magenta (38%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.4681, 33.8622, 39.9468 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 32.4681, 33.8622, 39.9468 by changing the saturation by 10% instead.

■ 32.4681, 33.8622,
39.9468

■ 32.4681, 33.8622,
39.9468

304.9536,
319.5172, 361.4447

■ 21.8766, 22.7878,
27.1836

■ 62.9045, 65.7193,
76.3187

■ 13.8823, 14.4369,
17.4775

■ 83.4800, 87.2708,
100.7645

■ 8.1200, 8.4251,
10.4100

108.1143,
113.0834, 129.9415

■ 4.2243, 4.3682,
5.5625

137.1726,
143.5415, 164.2684

■ 1.8298, 1.8816,
2.5165

171.0203,
179.0296, 204.1636

■ 0.5355, 0.5373,
0.8489

210.0228,

■ 0.0000, 0.0000,

219.9319, 250.0457

0.0000

254.5455,
266.6330, 302.3332

■ 32.4681, 33.8622,
39.9468

■ 32.4681, 33.8622,
39.9468

■ 27.2204, 27.7640,
39.0468

■ 38.4312, 40.7541,
40.9633

■ 22.6584, 22.4267,
38.2571

■ 45.1323, 48.4624,
42.0980

■ 18.7544, 17.8217,
37.5740

■ 52.5964, 57.0141,
43.3552

■ 15.4778, 13.9168,
36.9930

■ 60.8467, 66.4339,
44.7386

■ 12.7957, 10.6776,
36.5091

■ 69.9052, 76.7453,
46.2514

■ 10.6719, 8.0664,
36.1170

■ 79.7932, 87.9710,
47.8971

■ 9.0664, 6.0420,
35.8109

■ 83.7009, 95.4604,
49.1367

■ 7.9337, 4.5580,
35.5841

■ 7.2190, 3.5605,
35.4293

Harmonies

Analogous

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



31.9074, 33.8622, 39.9499



32.4681, 33.8622, 39.9468



32.9584, 33.8622, 39.1032

Triad

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



32.4681, 33.8622, 39.9468



32.9555, 33.8622, 34.7161



31.1496, 33.8622, 36.0786

Complementary

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



32.4681, 33.8622, 39.9468



34.4078, 36.4868, 36.6822

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.



31.4238, 33.8622, 34.7239



32.4681, 33.8622, 39.9468



32.4642, 33.8622, 33.9529

Square

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



32.4681, 33.8622, 39.9468



33.2421, 33.8622, 36.0677



31.9036, 33.8622, 33.9557



31.1506, 33.8622, 37.6845

Rectangle

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



32.4681, 33.8622, 39.9468



33.1775, 33.8622, 38.1914



31.9036, 33.8622, 33.9557



31.2125, 33.8622, 35.5798

Sweetspot

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



32.4691, 33.8636, 39.9475



62.9564, 66.1213, 73.1969



33.5912, 36.2614, 39.8483



13.7773, 14.4713, 16.0046



78.6606, 82.7571, 90.1225



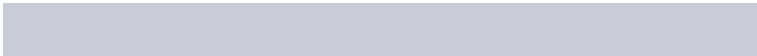
14.0027, 14.7319, 16.0430

Same Dimension

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



32.4691, 33.8636, 39.9475



57.6904, 60.0235, 72.2974



32.8747, 33.8219, 39.9181



7.1057, 7.3875, 8.9545



5.3577, 2.4949, 27.1290



0.1322, 0.0918, 0.5766

Inverse Universe

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



33.2849, 34.1044, 36.7285



59.5324, 60.5718, 65.0280



33.9881, 36.5358, 36.7137



7.3473, 7.4597, 8.0007



11.8498, 6.0960, 1.1337



0.2589, 0.1321, 0.0761

Previews

White Background



This preview shows how the XYZ color 32.4681, 33.8622, 39.9468 looks on a white background.

Color Contrast Check

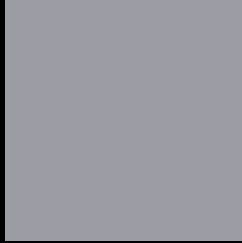
Large Text (above 18pt) WCAG AA × Fail

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 32.4681, 33.8622, 39.9468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

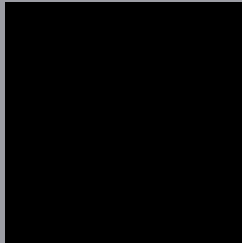
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.4681, 33.8622, 39.9468

Background



This preview shows how black text looks on a background with the XYZ color 32.4681, 33.8622, 39.9468.



This preview shows how white text looks on a background with the XYZ color 32.4681, 33.8622,

39.9468.

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

32.4681, 33.8622, 39.9468

Protanopia

32.6899, 33.7264, 39.9089

Deuteranopia

34.5449, 33.9341, 40.3265



Tritanopia

32.9545, 33.8096, 42.3251

Trichromacy



Original Color

32.4681, 33.8622, 39.9468

Protanomaly

32.4939, 33.6254, 39.8997

Deuteranomaly

33.6570, 33.7203, 40.3321

Tritanomaly

32.7681, 33.7351, 41.3437

Monochromacy



Original Color

32.4681, 33.8622, 39.9468

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.4767, 34.1599, 38.1395

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4681, 33.8622, 39.9468 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(156, 157, 164)` looks like.

```
.text, #text, p{  
    color:rgb(156, 157, 164)  
}
```

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(156, 157, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 157, 164) }
```

Border

The CSS property to change the border of an element to XYZ 32.4681, 33.8622, 39.9468 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(156, 157, 164) }
```


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

```
.border{ border-color:rgb(156, 157, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 157, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 157, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 157, 164);  
box-shadow:4px 4px 4px 4px rgb(156, 157,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4681, 33.8622, 39.9468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 157, 164) }
```

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

```
.background{ background-color: rgb(156,  
157, 164) }
```

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