

Converting Colors

XYZ(32.1329, 33.2649, 39.7659)

Have a look what the booklet for
XYZ(32.1329, 33.2649, 39.7659)
contains.

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Color

**XYZ(32.1325, 33.1909,
39.8349)**

Conversions

Conversions Part 1

Format	Color
Hex	9C9BA4
RGB	156, 155, 164
RGB Percent	61%, 61%, 64%
CMY	0.3882, 0.3921, 0.3569
CMYK	0.05, 0.05, 0.00, 0.36
HSL	247°, 5%, 63%
HSV	247°, 5%, 64%
XYZ	32.1325, 33.1909, 39.8349
YIQ	156.3250, -2.2930, 3.0110

Conversions

Conversions Part 2

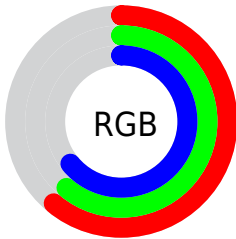
Format	Color
R_{YB}	156, 155, 164
Decimal	10263460
CIE _{Lab}	64.32, 2.13, -4.57
CIE _{LCh}	64, 5.040, 294.987
Yxy	33.1909, 0.3056, 0.3156
Android (android.graphics.Color)	4288453540 (0xFF9C9BA4)
YUV	156.3250, 3.7838, -0.2850
Hunter-Lab	57.6115, -1.2629, -0.6674

Details

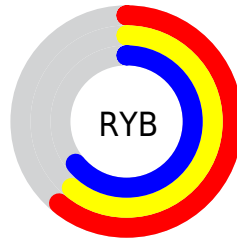
The XYZ color **32.1325, 33.1909, 39.8349** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.2973, 36.7049, 36.2890**, and the grayscale version is **31.7302, 33.3827, 36.3537**.

A 20% lighter version of the original color is **62.1650, 64.4170, 76.1751**, and **13.7006, 14.0737, 17.3236** is the 20% darker color. If you saturate the color by 10%, you get **26.9324, 26.7306, 38.8625**, and if you desaturate by 10%, it is **38.0440, 40.5701, 40.9482**.

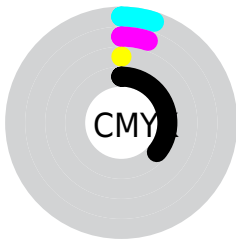
Distribution



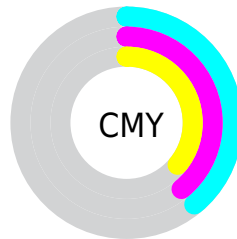
- Red (61%)
- Green (61%)
- Blue (64%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.1325, 33.1909, 39.8349 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 32.1325, 33.1909, 39.8349 by changing the saturation by 10% instead.

■ 32.1325, 33.1909,
39.8349

■ 32.1325, 33.1909,
39.8349

303.4570,
316.5091, 360.9586

■ 21.6188, 22.2727,
27.0970

■ 62.3825, 64.6735,
76.1464

■ 13.6921, 14.0574,
17.4130

■ 82.8496, 86.0066,
100.5571

■ 7.9871, 8.1606,
10.3643

107.3650,
111.5803, 129.6958

■ 4.1384, 4.1979,
5.5324

136.2944,
141.7787, 163.9811

■ 1.7807, 1.7849,
2.4988

170.0028,
176.9865, 203.8314

■ 0.5060, 0.4777,
0.8395

208.8559,

■ 0.0000, 0.0000,

217.5878, 249.6655

0.0000

253.2188,
263.9672, 301.9017

■ 32.1325, 33.1909,
39.8349

■ 32.1325, 33.1909,
39.8349

■ 26.9324, 26.7306,
38.8625

■ 38.0440, 40.5701,
40.9482

■ 22.4139, 21.1491,
38.0233

■ 44.6894, 48.8977,
42.2053

■ 18.5497, 16.4096,
37.3122

■ 52.0936, 58.2074,
43.6120

■ 15.3092, 12.4711,
36.7228

■ 60.2798, 68.5297,
45.1730

■ 12.6594, 9.2892,
36.2483

■ 69.2698, 79.8939,
46.8926

■ 10.5645, 6.8150,
35.8811

■ 79.0849, 92.3281,
48.7754

■ 8.9843, 4.9941,
35.6129

■ 83.7009, 95.4604,
49.1367

■ 7.8736, 3.7638,
35.4340

■ 7.1766, 3.0448,
35.3320

Harmonies

Analogous

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



31.4267, 33.1909, 40.2140



32.1325, 33.1909, 39.8349



32.6888, 33.1909, 38.4507

Triad

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



32.1325, 33.1909, 39.8349



32.3441, 33.1909, 33.0030



30.1943, 33.1909, 35.7955

Complementary

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



32.1325, 33.1909, 39.8349



34.2973, 36.7049, 36.2890

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.



30.4320, 33.1909, 33.9223



32.1325, 33.1909, 39.8349



31.6675, 33.1909, 32.3494

Square

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



32.1325, 33.1909, 39.8349



32.8123, 33.1909, 34.4980



30.9686, 33.1909, 32.6795



30.3146, 33.1909, 37.8317

Rectangle

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



32.1325, 33.1909, 39.8349



32.8964, 33.1909, 37.1710



30.9686, 33.1909, 32.6795



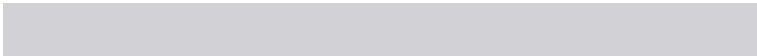
30.2349, 33.1909, 35.1268

Sweetspot

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



32.1335, 33.1923, 39.8356



61.8789, 64.6761, 72.9747



33.3344, 35.8797, 40.2910



13.5551, 14.1734, 15.9588



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.



32.1335, 33.1923, 39.8356



56.6862, 58.2063, 71.9996



33.0006, 33.6393, 39.8762



6.9931, 7.1732, 8.9191



5.3536, 2.1664, 27.0658



0.1327, 0.0560, 0.5697

Inverse Universe

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



33.6432, 33.9810, 39.4376



60.2124, 60.0486, 71.0601



33.4117, 36.2484, 36.2476



7.4465, 7.4101, 8.7980



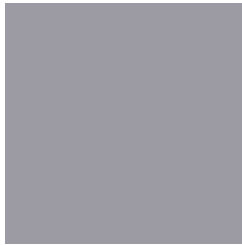
15.7165, 7.6427, 21.4956



0.3392, 0.1642, 0.4990

Previews

White Background



This preview shows how the XYZ color 32.1325, 33.1909, 39.8349 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 32.1325, 33.1909, 39.8349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

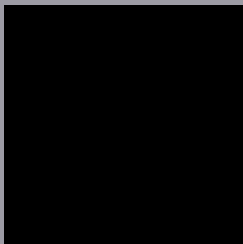
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

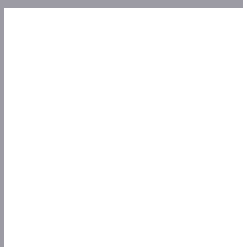
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.1325, 33.1909, 39.8349

Background



This preview shows how black text looks on a background with the XYZ color 32.1325, 33.1909, 39.8349.



This preview shows how white text looks on a background with the XYZ color 32.1325, 33.1909,

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

32.1325, 33.1909, 39.8349

Protanopia

32.1325, 33.1909, 39.8349

Deuteranopia

33.7945, 33.0653, 40.1984



Tritanopia

32.4067, 33.3006, 41.2789

Trichromacy



Original Color

32.1325, 33.1909, 39.8349

Protanomaly

32.1325, 33.1909, 39.8349

Deuteranomaly

33.1240, 32.9596, 40.2133

Tritanomaly

32.3146, 33.2638, 40.7938

Monochromacy



Original Color

32.1325, 33.1909, 39.8349

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.8568, 33.3481, 37.5587

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1325, 33.1909, 39.8349 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, 155, 164)` looks like.

```
.text, #text, p{  
    color:rgb(156, 155, 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, 155, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 155, 164) }
```

Border

The CSS property to change the border of an element to XYZ 32.1325, 33.1909, 39.8349 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, 155, 164) }
```


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

```
.border{ border-color:rgb(156, 155, 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, 155, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 155, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 155, 164);  
box-shadow:4px 4px 4px 4px rgb(156, 155,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1325, 33.1909, 39.8349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 155, 164) }
```

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

```
.background{ background-color: rgb(156,  
155, 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](#).

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