

Converting Colors

XYZ(32.9501, 32.4939, 39.8099)

Have a look what the booklet for
XYZ(32.9501, 32.4939, 39.8099)
contains.

XYZ(32.9170, 32.3855, 39.6381)	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(32.9170, 32.3855,
39.6381)**

Conversions

Conversions Part 1

Format	Color
Hex	A496A4
RGB	164, 150, 164
RGB Percent	64%, 59%, 64%
CMY	0.3569, 0.4117, 0.3569
CMYK	0.00, 0.09, 0.00, 0.36
HSL	300°, 7%, 62%
HSV	300°, 9%, 64%
XYZ	32.9170, 32.3855, 39.6381
YIQ	155.7820, 3.8500, 7.3220

Conversions

Conversions Part 2

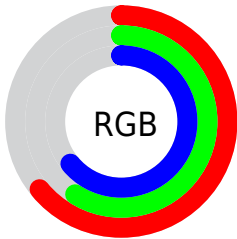
Format	Color
RYB	164, 150, 164
Decimal	10786468
CIELab	63.66, 7.76, -5.46
CIELCh	64, 9.492, 324.877
Yxy	32.3855, 0.3137, 0.3086
Android (android.graphics.Color)	4288976548 (0xFFA496A4)
YUV	155.7820, 4.0515, 7.2072
Hunter-Lab	56.9083, 3.6589, -1.4613

Details

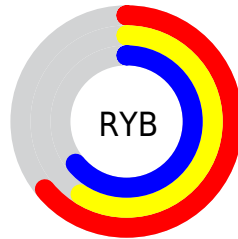
The XYZ color **32.9170, 32.3855, 39.6381** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.3594, 35.2378, 34.0045**, and the grayscale version is **31.4849, 33.1245, 36.0726**.

A 20% lighter version of the original color is **63.5925, 63.3603, 75.8959**, and **14.0686, 13.5383, 17.2009** is the 20% darker color. If you saturate the color by 10%, you get **30.4814, 27.5138, 38.8266**, and if you desaturate by 10%, it is **35.7208, 37.9925, 40.5731**.

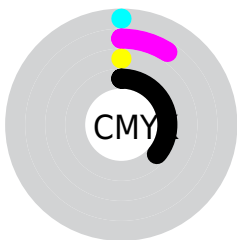
Distribution



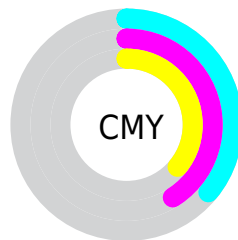
- Red (64%)
- Green (59%)
- Blue (64%)



- Red (64%)
- Yellow (59%)
- Blue (64%)



- Cyan (0%)
- Magenta (9%)
- Yellow (0%)
- Black (36%)



- Cyan (36%)
- Magenta (41%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.9170, 32.3855, 39.6381 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 32.9170, 32.3855, 39.6381 by changing the saturation by 10% instead.

■ 32.9170, 32.3855,
39.6381

■ 32.9170, 32.3855,
39.6381

306.9472,
312.8716, 360.1025

■ 22.2218, 21.6561,
26.9449

■ 63.6015, 63.4149,
75.8432

■ 14.1375, 13.6044,
17.2997

■ 84.3215, 84.4838,
100.1920

■ 8.2987, 7.8461,
10.2842

109.1137,
109.7679, 129.2632

■ 4.3401, 3.9966,
5.4797

138.3437,
139.6517, 163.4753

■ 1.8963, 1.6717,
2.4678

172.3766,
174.5196, 203.2466

■ 0.5747, 0.4052,
0.8230

211.5780,

■ 0.0000, 0.0000,

214.7560, 248.9960

0.0000

256.3130,
260.7451, 301.1417

■ 32.9170, 32.3855,
39.6381

■ 32.9170, 32.3855,
39.6381

■ 30.4814, 27.5138,
38.8266

■ 35.7208, 37.9925,
40.5731

■ 28.3960, 23.3431,
38.1315

■ 38.9041, 44.3592,
41.6342

■ 26.6456, 19.8422,
37.5480

■ 42.4814, 51.5139,
42.8266

■ 25.2127, 16.9764,
37.0704

■ 46.4656, 59.4822,
44.1547

■ 24.0783, 14.7076,
36.6923

■ 50.8689, 68.2887,
45.6224

■ 23.2213, 12.9937,
36.4066

■ 55.7029, 77.9568,
47.2338

■ 22.6179, 11.7870,
36.2055

■ 57.7711, 82.0930,
47.9232

■ 22.2405, 11.0321,
36.0797

■ 57.7711, 82.0930,
47.9232

■ 22.0370, 10.6251,
36.0118

■ 57.7711, 82.0931,
47.9232

Harmonies

Analogous

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



31.8679, 32.3855, 42.3196



32.9170, 32.3855, 39.6381



33.3947, 32.3855, 35.9192

Triad

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



32.9170, 32.3855, 39.6381



31.0100, 32.3855, 28.4702



28.5231, 32.3855, 38.4281

Complementary

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



32.9170, 32.3855, 39.6381



31.3594, 35.2378, 34.0045

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.



28.3082, 32.3855, 34.6135



32.9170, 32.3855, 39.6381



29.7200, 32.3855, 29.0368

Square

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



32.9170, 32.3855, 39.6381



32.2737, 32.3855, 29.6141



28.7403, 32.3855, 31.2210



29.3360, 32.3855, 41.5865

Rectangle

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



32.9170, 32.3855, 39.6381



33.3152, 32.3855, 33.4184



28.7403, 32.3855, 31.2210



28.3795, 32.3855, 37.1729

Sweetspot

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



32.9179, 32.3869, 39.6388



62.4539, 64.1931, 72.8512



30.2235, 31.0532, 39.5234



13.5665, 13.8596, 15.8977



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.



32.9179, 32.3869, 39.6388



58.9745, 57.2342, 71.6914



32.3230, 32.1489, 36.5057



7.3644, 7.2022, 8.9051



16.8766, 8.1067, 27.6050



0.3546, 0.1703, 0.5800

Inverse Universe

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



31.7223, 31.9087, 33.3428



56.4124, 56.2094, 58.1998



31.9201, 35.4621, 36.9576



7.0738, 7.0860, 7.3750



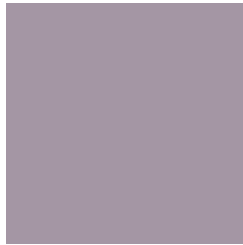
11.7388, 6.0516, 0.5494



0.2467, 0.1272, 0.0115

Previews

White Background



This preview shows how the XYZ color 32.9170, 32.3855, 39.6381 looks on a white background.

Color Contrast Check

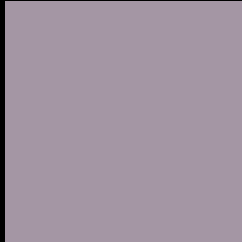
Large Text (above 18pt) WCAG AA × Fail

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 32.9170, 32.3855, 39.6381 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 32.9170, 32.3855, 39.6381

Background



This preview shows how black text looks on a background with the XYZ color 32.9170, 32.3855, 39.6381.



This preview shows how white text looks on a background with the XYZ color 32.9170, 32.3855,

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

32.9170, 32.3855, 39.6381

Protanopia

31.6006, 32.4057, 40.6658

Deuteranopia

33.1242, 32.4924, 39.6478



Tritanopia

32.7378, 32.3138, 38.6941

Trichromacy



Original Color

32.9170, 32.3855, 39.6381

Protanomaly

32.1203, 32.4422, 40.1664

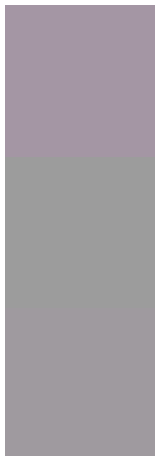
Deuteranomaly

33.1242, 32.4924, 39.6478

Tritanomaly

32.8270, 32.3495, 39.1642

Monochromacy



Original Color

32.9170, 32.3855, 39.6381

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

32.1117, 32.9853, 37.4752

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.9170, 32.3855, 39.6381 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(164, 150, 164)` looks like.

```
.text, #text, p{  
    color:rgb(164, 150, 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(164, 150, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 150, 164) }
```

Border

The CSS property to change the border of an element to XYZ 32.9170, 32.3855, 39.6381 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(164, 150, 164) }
```


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

```
.border{ border-color:rgb(164, 150, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 150, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 150, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 150, 164);  
box-shadow:4px 4px 4px 4px rgb(164, 150,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 32.9170, 32.3855, 39.6381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 150, 164) }
```

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

```
.background{ background-color: rgb(164,  
150, 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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