

Converting Colors

XYZ(32.5632, 32.6450, 39.8958)

Have a look what the booklet for
XYZ(32.5632, 32.6450, 39.8958)
contains.

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Color

**XYZ(32.6270, 32.7139,
39.7167)**

Conversions

Conversions Part 1

Format	Color
Hex	A198A4
RGB	161, 152, 164
RGB Percent	63%, 60%, 64%
CMY	0.3686, 0.4039, 0.3569
CMYK	0.02, 0.07, 0.00, 0.36
HSL	285°, 6%, 62%
HSV	285°, 7%, 64%
XYZ	32.6270, 32.7139, 39.7167
YIQ	156.0590, 1.5120, 5.6400

Conversions

Conversions Part 2

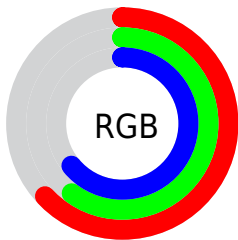
Format	Color
R_{YB}	161, 152, 164
Decimal	10590372
CIE _{Lab}	63.93, 5.57, -5.09
CIE _{LCh}	64, 7.549, 317.577
Yxy	32.7139, 0.3106, 0.3114
Android (android.graphics.Color)	4288780452 (0xFFA198A4)
YUV	156.0590, 3.9149, 4.3333
Hunter-Lab	57.1961, 1.7307, -1.1335

Details

The XYZ color **32.6270, 32.7139, 39.7167** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.4618, 35.7873, 34.9042**, and the grayscale version is **31.6097, 33.2558, 36.2156**.

A 20% lighter version of the original color is **63.1764, 63.8560, 76.0135**, and **13.8850, 13.7284, 17.2473** is the 20% darker color. If you saturate the color by 10%, you get **29.3345, 27.3354, 38.8526**, and if you desaturate by 10%, it is **36.3165, 38.8453, 40.7062**.

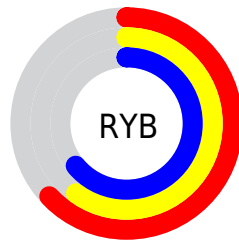
Distribution



Red (63%)

Green (60%)

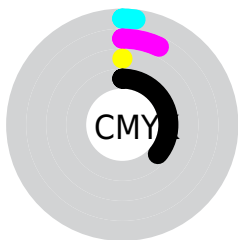
Blue (64%)



Red (63%)

Yellow (60%)

Blue (64%)

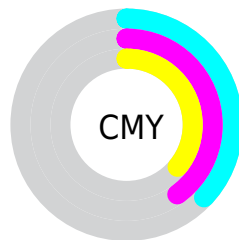


Cyan (2%)

Magenta (7%)

Yellow (0%)

Black (36%)



Cyan (37%)

Magenta (40%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.6270, 32.7139, 39.7167 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 32.6270, 32.7139, 39.7167 by changing the saturation by 10% instead.

■ 32.6270, 32.7139,
39.7167

■ 32.6270, 32.7139,
39.7167

305.6604,
314.3586, 360.4446

■ 21.9987, 21.9074,
27.0056

■ 63.1513, 63.9286,
75.9643

■ 13.9726, 13.7888,
17.3450

■ 83.7781, 85.1056,
100.3379

■ 8.1832, 7.9740,
10.3162

108.4684,
110.5081, 129.4360

■ 4.2652, 4.0783,
5.5008

137.5876,
140.5206, 163.6773

■ 1.8532, 1.7175,
2.4801

171.5010,
175.5276, 203.4803

■ 0.5494, 0.4349,
0.8296

210.5741,

■ 0.0000, 0.0000,

215.9133, 249.2635

0.0000

255.1721,
262.0621, 301.4454

■ 32.6270, 32.7139,
39.7167

■ 32.6270, 32.7139,
39.7167

■ 29.3345, 27.3354,
38.8526

■ 36.3165, 38.8453,
40.7062

■ 26.4210, 22.6753,
38.1066

■ 40.4147, 45.7539,
41.8237

■ 23.8711, 18.7031,
37.4743

■ 44.9361, 53.4679,
43.0744

■ 21.6672, 15.3838,
36.9498

■ 49.8937, 62.0130,
44.4624

■ 19.7903, 12.6798,
36.5268

■ 55.2999, 71.4136,
45.9920

18.2193, 10.5493,
36.1984

61.1667, 81.6932,
47.6669

16.9306, 8.9455,
35.9567

63.6232, 85.1099,
48.1970

15.8967, 7.8137,
35.7927

64.6600, 85.6444,
48.2455

15.0742, 7.0679,
35.6921

65.7259, 86.1939,
48.2954

Harmonies

Analogous

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



31.7150, 32.7139, 41.4971



32.6270, 32.7139, 39.7167



33.1328, 32.7139, 36.8941

Triad

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



32.6270, 32.7139, 39.7167



31.5354, 32.7139, 30.2034



29.1854, 32.7139, 37.4171

Complementary

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



32.6270, 32.7139, 39.7167



32.4618, 35.7873, 34.9042

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.



29.1398, 32.7139, 34.3753



32.6270, 32.7139, 39.7167



30.4804, 32.7139, 30.3256

Square

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



32.6270, 32.7139, 39.7167



32.4930, 32.7139, 31.4709



29.6090, 32.7139, 31.8149



29.7350, 32.7139, 40.1183

Rectangle

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



32.6270, 32.7139, 39.7167



33.1641, 32.7139, 34.8535



29.6090, 32.7139, 31.8149



29.1111, 32.7139, 36.3974

Sweetspot

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



32.6280, 32.7153, 39.7174



62.6670, 65.0824, 73.0116



31.4058, 32.8665, 39.8110



13.7176, 14.2571, 15.9664



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.



32.6280, 32.7153, 39.7174



58.0628, 57.4712, 71.7852



32.9897, 32.9307, 38.4290



7.1906, 7.1126, 8.8970



11.4450, 5.3066, 27.3508



0.2797, 0.1317, 0.5765

Inverse Universe

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



32.4556, 32.7171, 35.6165



57.6829, 57.4796, 62.5405



32.1251, 35.5870, 36.0996



7.1431, 7.1137, 7.7398



12.0626, 6.1811, 2.2542



0.2711, 0.1369, 0.1403

Previews

White Background



This preview shows how the XYZ color 32.6270, 32.7139, 39.7167 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 32.6270, 32.7139, 39.7167 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 32.6270, 32.7139, 39.7167

Background



This preview shows how black text looks on a background with the XYZ color 32.6270, 32.7139, 39.7167.



This preview shows how white text looks on a background with the XYZ color 32.6270, 32.7139,

39.7167.

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

32.6270, 32.7139, 39.7167

Protanopia

31.8647, 32.7964, 40.2482

Deuteranopia

33.3331, 32.6000, 39.6575



Tritanopia

32.6270, 32.7139, 39.7167

Trichromacy



Original Color

32.6270, 32.7139, 39.7167

Protanomaly

32.0874, 32.6672, 40.2115

Deuteranomaly

33.0773, 32.7061, 39.6915

Tritanomaly

32.6270, 32.7139, 39.7167

Monochromacy



Original Color

32.6270, 32.7139, 39.7167

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

32.0799, 33.2150, 37.5212

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6270, 32.7139, 39.7167 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(161, 152, 164)` looks like.

```
.text, #text, p{  
    color:rgb(161, 152, 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(161, 152, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 152, 164) }
```

Border

The CSS property to change the border of an element to XYZ 32.6270, 32.7139, 39.7167 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(161, 152, 164) }
```


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

```
.border{ border-color:rgb(161, 152, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 152, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 152, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 152, 164);  
box-shadow:4px 4px 4px 4px rgb(161, 152,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6270, 32.7139, 39.7167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 152, 164) }
```

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

```
.background{ background-color: rgb(161,  
152, 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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