

Converting Colors

XYZ(30.5446, 32.6462, 39.4361)

Have a look what the booklet for
XYZ(30.5446, 32.6462, 39.4361)
contains.

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Color

**XYZ(30.5319, 32.6243,
39.3382)**

Conversions

Conversions Part 1

Format	Color
Hex	939CA3
RGB	147, 156, 163
RGB Percent	58%, 61%, 64%
CMY	0.4235, 0.3882, 0.3608
CMYK	0.10, 0.04, 0.00, 0.36
HSL	206°, 8%, 61%
HSV	206°, 10%, 64%
XYZ	30.5319, 32.6243, 39.3382
YIQ	154.1070, -7.6110, 0.2690

Conversions

Conversions Part 2

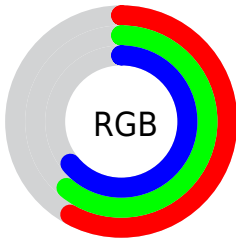
Format	Color
RYB	147, 153, 163
Decimal	9673891
CIELab	63.86, -1.77, -4.76
CIElCh	64, 5.082, 249.591
Yxy	32.6243, 0.2979, 0.3183
Android (android.graphics.Color)	4287863971 (0xFF939CA3)
YUV	154.1070, 4.3842, -6.2328
Hunter-Lab	57.1177, -4.5399, -0.8519

Details

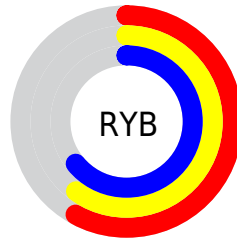
The XYZ color **30.5319, 32.6243, 39.3382** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.9264, 33.0040, 32.2919**, and the grayscale version is **30.7466, 32.3478, 35.2268**.

A 20% lighter version of the original color is **59.7889, 63.5726, 75.4492**, and **12.7447, 13.7376, 17.0188** is the 20% darker color. If you saturate the color by 10%, you get **26.6524, 28.9012, 38.8245**, and if you desaturate by 10%, it is **34.8977, 36.7041, 39.8961**.

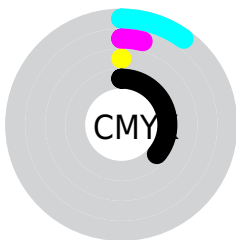
Distribution



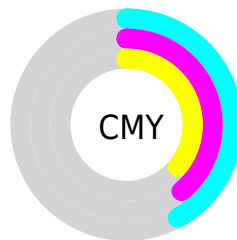
- Red (58%)
- Green (61%)
- Blue (64%)



- Red (58%)
- Yellow (60%)
- Blue (64%)



- Cyan (10%)
- Magenta (4%)
- Yellow (0%)
- Black (36%)



- Cyan (42%)
- Magenta (39%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.5319, 32.6243, 39.3382 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 30.5319, 32.6243, 39.3382 by changing the saturation by 10% instead.

■ 30.5319, 32.6243,
39.3382

■ 30.5319, 32.6243,
39.3382

296.2415,
313.9534, 358.7950

■ 20.3927, 21.8388,
26.7131

■ 59.8832, 63.7885,
75.3807

■ 12.7908, 13.7385,
17.1273

■ 79.8261, 84.9360,
99.6352

■ 7.3606, 7.9390,
10.1624

103.7675,
110.3063, 128.6032

■ 3.7370, 4.0559,
5.3998

132.0730,
140.2838, 162.7033

■ 1.5544, 1.7049,
2.4209

165.1077,
175.2528, 202.3539

■ 0.3624, 0.4268,
0.7978

203.2372,

■ 0.0000, 0.0000,

215.5979, 247.9738

0.0000

246.8266,
261.7033, 299.9813

■ 30.5319, 32.6243,
39.3382

■ 30.5319, 32.6243,
39.3382

■ 26.6524, 28.9012,
38.8245

■ 34.8977, 36.7041,
39.8961

■ 23.2379, 25.5193,
38.3517

■ 39.7644, 41.1473,
40.4972

■ 20.2695, 22.4680,
37.9192

■ 45.1495, 45.9654,
41.1434

■ 17.7260, 19.7346,
37.5257

■ 51.0689, 51.1682,
41.8356

■ 15.5841, 17.3051,
37.1696

■ 57.5375, 56.7650,
42.5750

■ 13.8182, 15.1643,
36.8495

■ 64.5699, 62.7650,
43.3625

■ 12.3996, 13.2953,
36.5635

■ 69.8993, 68.0011,
44.0922

■ 11.2944, 11.6786,
36.3097

■ 71.6536, 71.5097,
44.6770

■ 10.4284, 10.2738,
36.0842

■ 73.4867, 75.1759,
45.2880

Harmonies

Analogous

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



29.9619, 32.6243, 38.0888



30.5319, 32.6243, 39.3382



31.2378, 32.6243, 39.5440

Triad

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



30.5319, 32.6243, 39.3382



32.3826, 32.6243, 34.8709



30.1412, 32.6243, 32.5763

Complementary

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



30.5319, 32.6243, 39.3382



31.9264, 33.0040, 32.2919

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.



30.7801, 32.6243, 31.7830



30.5319, 32.6243, 39.3382



32.0790, 32.6243, 33.0738

Square

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



30.5319, 32.6243, 39.3382



32.3137, 32.6243, 36.9118



31.4899, 32.6243, 31.9615



29.7388, 32.6243, 34.1681

Rectangle

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



30.5319, 32.6243, 39.3382



31.6917, 32.6243, 39.0540



31.4899, 32.6243, 31.9615



30.3351, 32.6243, 32.2102

Sweetspot

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



30.5328, 32.6257, 39.3389



59.8687, 63.2964, 71.1181



30.9575, 34.7288, 35.6149



13.3062, 14.0857, 15.9550



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.



30.5328, 32.6257, 39.3389



52.9307, 56.7668, 70.2235



29.2443, 30.0486, 38.9094



7.0155, 7.4901, 8.9790



8.1388, 8.0570, 28.0560



0.2170, 0.2612, 0.6048

Inverse Universe

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



31.5394, 31.0549, 35.7860



55.1515, 53.3647, 62.3701



33.2798, 35.7108, 32.7431



7.2328, 7.1496, 8.2124



13.2535, 6.6575, 8.5258



0.3017, 0.1492, 0.3013

Previews

White Background



This preview shows how the XYZ color 30.5319, 32.6243, 39.3382 looks on a white background.

Color Contrast Check

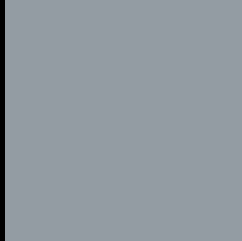
Large Text (above 18pt) WCAG AA × Fail

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 30.5319, 32.6243, 39.3382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

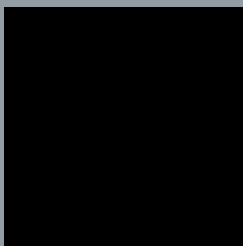
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

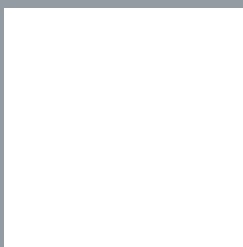
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.5319, 32.6243, 39.3382

Background



This preview shows how black text looks on a background with the XYZ color 30.5319, 32.6243, 39.3382.



This preview shows how white text looks on a background with the XYZ color 30.5319, 32.6243,

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

30.5319, 32.6243, 39.3382

Protanopia

31.5948, 32.6884, 38.8267

Deuteranopia

33.1242, 32.4924, 39.6478



Tritanopia

31.0020, 32.5657, 41.6976

Trichromacy



Original Color

30.5319, 32.6243, 39.3382

Protanomaly

31.1918, 32.7267, 38.8553

Deuteranomaly

32.0296, 32.4059, 39.6888

Tritanomaly

30.8170, 32.4918, 40.7237

Monochromacy



Original Color

30.5319, 32.6243, 39.3382

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

30.5696, 32.4563, 36.5518

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5319, 32.6243, 39.3382 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(147, 156, 163)` looks like.

```
.text, #text, p{  
    color:rgb(147, 156, 163)  
}
```

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(147, 156, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 156, 163) }
```

Border

The CSS property to change the border of an element to XYZ 30.5319, 32.6243, 39.3382 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(147, 156, 163) }
```


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

```
.border{ border-color:rgb(147, 156, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 156, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 156, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 156, 163);  
box-shadow:4px 4px 4px 4px rgb(147, 156,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5319, 32.6243, 39.3382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 156, 163) }
```

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

```
.background{ background-color: rgb(147,  
156, 163) }
```

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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