

Converting Colors

XYZ(30.0728, 32.7258, 39.2722)

Have a look what the booklet for
XYZ(30.0728, 32.7258, 39.2722)
contains.

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Color

**XYZ(29.9955, 32.5979,
39.3614)**

Conversions

Conversions Part 1

Format	Color
Hex	8F9DA3
RGB	143, 157, 163
RGB Percent	56%, 62%, 64%
CMY	0.4392, 0.3843, 0.3608
CMYK	0.12, 0.04, 0.00, 0.36
HSL	198°, 10%, 60%
HSV	198°, 12%, 64%
XYZ	29.9955, 32.5979, 39.3614
YIQ	153.4980, -10.2700, -1.1020

Conversions

Conversions Part 2

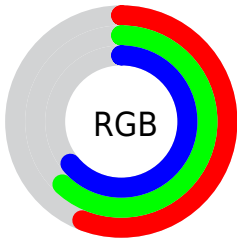
Format	Color
RYB	143, 151, 163
Decimal	9412003
CIELab	63.83, -3.70, -4.83
CIELCh	64, 6.081, 232.563
Yxy	32.5979, 0.2942, 0.3197
Android (android.graphics.Color)	4287602083 (0xFF8F9DA3)
YUV	153.4980, 4.6845, -9.2067
Hunter-Lab	57.0946, -6.1378, -0.9087

Details

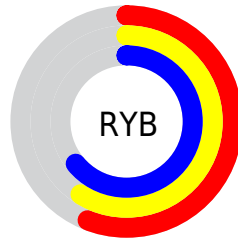
The XYZ color **29.9955, 32.5979, 39.3614** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.8098, 31.2644, 30.3980**, and the grayscale version is **30.4795, 32.0668, 34.9208**.

A 20% lighter version of the original color is **59.2243, 64.0192, 75.5652**, and **12.5375, 13.7829, 17.0385** is the 20% darker color. If you saturate the color by 10%, you get **26.5659, 29.6274, 38.9693**, and if you desaturate by 10%, it is **33.8701, 35.8487, 39.7852**.

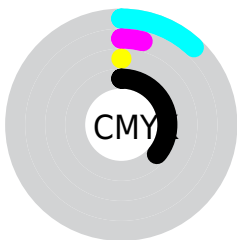
Distribution



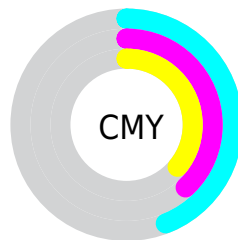
- Red (56%)
- Green (62%)
- Blue (64%)



- Red (56%)
- Yellow (59%)
- Blue (64%)



- Cyan (12%)
- Magenta (4%)
- Yellow (0%)
- Black (36%)



- Cyan (44%)
- Magenta (38%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.9955, 32.5979, 39.3614 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 29.9955, 32.5979, 39.3614 by changing the saturation by 10% instead.

■ 29.9955, 32.5979,
39.3614

■ 29.9955, 32.5979,
39.3614

293.7937,
313.8339, 358.8963

■ 19.9832, 21.8186,
26.7310

■ 59.0417, 63.7472,
75.4165

■ 12.4910, 13.7237,
17.1406

■ 78.8064, 84.8861,
99.6783

■ 7.1536, 7.9287,
10.1718

102.5526,
110.2468, 128.6543

■ 3.6055, 4.0494,
5.4059

130.6457,
140.2140, 162.7630

■ 1.4815, 1.7012,
2.4245

163.4509,
175.1719, 202.4231

■ 0.3132, 0.4244,
0.7997

201.3338,

■ 0.0000, 0.0000,

215.5049, 248.0529

0.0000

244.6596,
261.5974, 300.0712

■ 29.9955, 32.5979,
39.3614

■ 29.9955, 32.5979,
39.3614

■ 26.5659, 29.6274,
38.9693

■ 33.8701, 35.8487,
39.7852

■ 23.5605, 26.9233,
38.6058

■ 38.2039, 39.3849,
40.2393

■ 20.9609, 24.4764,
38.2705

■ 43.0137, 43.2168,
40.7254

■ 18.7464, 22.2755,
37.9624

■ 48.3148, 47.3527,
41.2444

■ 16.8942, 20.3080,
37.6802

■ 54.1216, 51.8007,
41.7968

■ 15.3788, 18.5604,
37.4228

■ 60.4481, 56.5684,
42.3837

■ 14.1713, 17.0171,
37.1885

■ 66.5299, 61.2623,
42.9691

■ 13.2376, 15.6598,
36.9758

■ 67.6154, 63.4333,
43.3310

■ 12.6418, 14.7060,
36.8231

■ 68.7369, 65.6762,
43.7048

Harmonies

Analogous

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



29.4911, 32.5979, 37.3293



29.9955, 32.5979, 39.3614



30.7712, 32.5979, 40.3656

Triad

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



29.9955, 32.5979, 39.3614



32.6408, 32.5979, 36.1060



30.3573, 32.5979, 31.3242

Complementary

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



29.9955, 32.5979, 39.3614



30.8098, 31.2644, 30.3980

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.



31.1964, 32.5979, 31.0303



29.9955, 32.5979, 39.3614



32.5251, 32.5979, 33.7190

Square

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



29.9955, 32.5979, 39.3614



32.3060, 32.5979, 38.4307



31.9926, 32.5979, 31.8878



29.6973, 32.5979, 32.7100

Rectangle

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



29.9955, 32.5979, 39.3614



31.3420, 32.5979, 40.2860



31.9926, 32.5979, 31.8878



30.6274, 32.5979, 31.0971

Sweetspot

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



29.9964, 32.5993, 39.3621



59.3460, 63.1137, 71.1104



29.8237, 34.1939, 33.3232



13.2118, 14.0777, 15.9584



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.



29.9964, 32.5993, 39.3621



51.7902, 56.7292, 70.2763



28.4247, 29.4558, 38.8382



7.0959, 7.6509, 9.0058



9.8659, 11.5111, 28.6317



0.2455, 0.3183, 0.6144

Inverse Universe

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



31.0132, 29.8664, 36.0301



54.0282, 50.8186, 62.9189



32.4036, 34.4520, 30.9292



7.2734, 7.1658, 8.4261



14.1253, 7.0062, 13.1163



0.3161, 0.1549, 0.3772

Previews

White Background



This preview shows how the XYZ color 29.9955, 32.5979, 39.3614 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 29.9955, 32.5979, 39.3614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

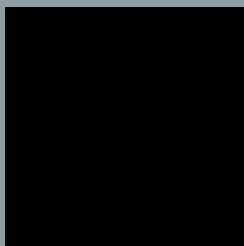
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

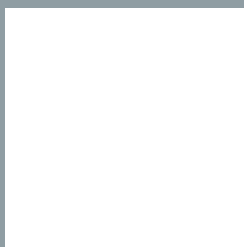
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.9955, 32.5979, 39.3614

Background



This preview shows how black text looks on a background with the XYZ color 29.9955, 32.5979, 39.3614.



This preview shows how white text looks on a background with the XYZ color 29.9955, 32.5979,

39.3614.

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

29.9955, 32.5979, 39.3614

Protanopia

31.5062, 32.6530, 38.3603

Deuteranopia

33.1242, 32.4924, 39.6478



Tritanopia

30.5515, 32.5708, 42.2127

Trichromacy



Original Color

29.9955, 32.5979, 39.3614

Protanomaly

31.0054, 32.6306, 38.8466

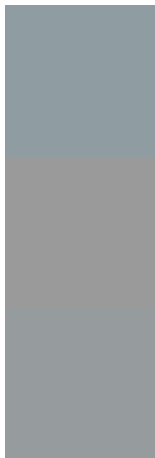
Deuteranomaly

31.9967, 32.6309, 39.7339

Tritanomaly

30.3651, 32.4962, 41.2312

Monochromacy



Original Color

29.9955, 32.5979, 39.3614

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

30.3848, 32.3610, 36.5431

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.9955, 32.5979, 39.3614 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(143, 157, 163)` looks like.

```
.text, #text, p{  
    color:rgb(143, 157, 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(143, 157, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 157, 163) }
```

Border

The CSS property to change the border of an element to XYZ 29.9955, 32.5979, 39.3614 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(143, 157, 163) }
```


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

```
.border{ border-color:rgb(143, 157, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 157, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 157, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 157, 163);  
box-shadow:4px 4px 4px 4px rgb(143, 157,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 29.9955, 32.5979, 39.3614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 157, 163) }
```

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

```
.background{ background-color: rgb(143,  
157, 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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