

Converting Colors

XYZ(29.3222, 31.8952, 39.3553)

Have a look what the booklet for
XYZ(29.3222, 31.8952, 39.3553)
contains.

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Color

**XYZ(29.3145, 31.9967,
39.2813)**

Conversions

Conversions Part 1

Format	Color
Hex	8C9CA3
RGB	140, 156, 163
RGB Percent	55%, 61%, 64%
CMY	0.4510, 0.3882, 0.3608
CMYK	0.14, 0.04, 0.00, 0.36
HSL	198°, 11%, 59%
HSV	198°, 14%, 64%
XYZ	29.3145, 31.9967, 39.2813
YIQ	152.0140, -11.7830, -1.2150

Conversions

Conversions Part 2

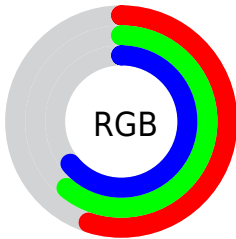
Format	Color
RYP	140, 149, 163
Decimal	9215139
CIELab	63.34, -4.16, -5.58
CIElCh	63, 6.965, 233.285
Yxy	31.9967, 0.2914, 0.3181
Android (android.graphics.Color)	4287405219 (0xFF8C9CA3)
YUV	152.0140, 5.4161, -10.5363
Hunter-Lab	56.5656, -6.4842, -1.5773

Details

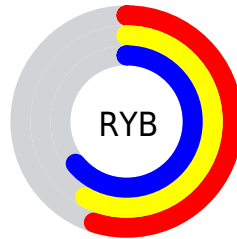
The XYZ color **29.3145, 31.9967, 39.2813** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.2718, 30.5473, 29.1122**, and the grayscale version is **29.8328, 31.3864, 34.1798**.

A 20% lighter version of the original color is **57.9496, 62.6245, 75.3631**, and **12.1373, 13.4245, 16.9904** is the 20% darker color. If you saturate the color by 10%, you get **25.9537, 29.0547, 38.8911**, and if you desaturate by 10%, it is **33.1180, 35.2191, 39.7033**.

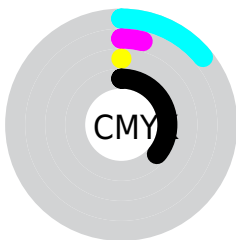
Distribution



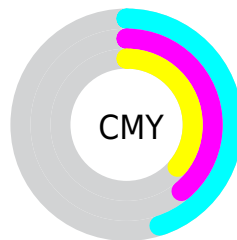
- Red (55%)
- Green (61%)
- Blue (64%)



- Red (55%)
- Yellow (58%)
- Blue (64%)



- Cyan (14%)
- Magenta (4%)
- Yellow (0%)
- Black (36%)



- Cyan (45%)
- Magenta (39%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.3145, 31.9967, 39.2813 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 29.3145, 31.9967, 39.2813 by changing the saturation by 10% instead.

■ 29.3145, 31.9967,
39.2813

■ 29.3145, 31.9967,
39.2813

290.6635,
311.1042, 358.5466

■ 19.4643, 21.3590,
26.6691

■ 57.9705, 62.8059,
75.2929

■ 12.1123, 13.3867,
17.0946

■ 77.5070, 83.7462,
99.5294

■ 6.8929, 7.6953,
10.1393

■ 101.0031,
108.8895, 128.4778

■ 3.4410, 3.9006,
5.3846

128.8240,
138.6201, 162.5566

■ 1.3910, 1.6181,
2.4120

161.3352,
173.3225, 202.1843

■ 0.2498, 0.3698,
0.7930

198.9019,

■ 0.0000, 0.0000,

213.3810, 247.7796

0.0000

241.8895,
259.1802, 299.7608

■ 29.3145, 31.9967,
39.2813

■ 29.3145, 31.9967,
39.2813

■ 25.9537, 29.0547,
38.8911

■ 33.1180, 35.2191,
39.7033

■ 23.0147, 26.3790,
38.5295

■ 37.3786, 38.7274,
40.1559

■ 20.4787, 23.9605,
38.1964

■ 42.1133, 42.5316,
40.6407

■ 18.3246, 21.7874,
37.8904

■ 47.3376, 46.6404,
41.1584

■ 16.5293, 19.8472,
37.6106

■ 53.0660, 51.0619,
41.7099

■ 15.0666, 18.1260,
37.3554

■ 59.3126, 55.8037,
42.2959

■ 13.9069, 16.6076,
37.1235

■ 66.0909, 60.8734,
42.9173

■ 13.0145, 15.2731,
36.9129

■ 67.5183, 63.2391,
43.2986

■ 12.5617, 14.5459,
36.7964

■ 68.6531, 65.5087,
43.6769

Harmonies

Analogous

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



28.7368, 31.9967, 36.9852



29.3145, 31.9967, 39.2813



30.1951, 31.9967, 40.3958

Triad

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



29.3145, 31.9967, 39.2813



32.2949, 31.9967, 35.4650



29.6833, 31.9967, 30.1759

Complementary

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



29.3145, 31.9967, 39.2813



30.2718, 30.5473, 29.1122

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.



30.6297, 31.9967, 29.8166



29.3145, 31.9967, 39.2813



32.1508, 31.9967, 32.7774

Square

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



29.3145, 31.9967, 39.2813



31.9259, 31.9967, 38.1183



31.5364, 31.9967, 30.7449



28.9466, 31.9967, 31.7534

Rectangle

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



29.3145, 31.9967, 39.2813



30.8409, 31.9967, 40.2790



31.5364, 31.9967, 30.7449



29.9869, 31.9967, 29.9122

Sweetspot

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



29.3154, 31.9980, 39.2820



59.3370, 63.0955, 71.1074



29.1715, 33.8738, 32.5639



13.2094, 14.0729, 15.9576



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.



29.3154, 31.9980, 39.2820



50.4869, 55.5624, 70.1198



27.4910, 28.3491, 38.6739



7.0934, 7.6457, 9.0050



9.8039, 11.3872, 28.6110



0.2446, 0.3164, 0.6140

Inverse Universe

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



30.4838, 28.9436, 35.4340



53.0189, 49.0694, 61.7522



32.1336, 34.2709, 29.7328



7.2721, 7.1653, 8.4193



14.0940, 6.9937, 12.9517



0.3156, 0.1547, 0.3747

Previews

White Background



This preview shows how the XYZ color 29.3145, 31.9967, 39.2813 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 29.3145, 31.9967, 39.2813 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

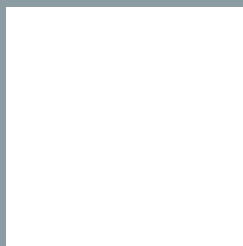
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.3145, 31.9967, 39.2813

Background



This preview shows how black text looks on a background with the XYZ color 29.3145, 31.9967, 39.2813.



This preview shows how white text looks on a background with the XYZ color 29.3145, 31.9967,

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

29.3145, 31.9967, 39.2813

Protanopia

30.9877, 31.8997, 38.2422

Deuteranopia

32.5525, 31.9618, 39.5755



Tritanopia

29.7737, 31.9326, 41.6401

Trichromacy



Original Color

29.3145, 31.9967, 39.2813

Protanomaly

30.3072, 31.7807, 38.7193

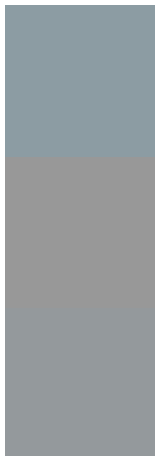
Deuteranomaly

31.4466, 32.1054, 39.6615

Tritanomaly

29.5888, 31.8586, 40.6662

Monochromacy



Original Color

29.3145, 31.9967, 39.2813

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

29.6047, 31.4787, 35.9681

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.3145, 31.9967, 39.2813 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(140, 156, 163) looks like.

```
.text, #text, p{  
    color:rgb(140, 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(140, 156, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 156, 163) }
```

Border

The CSS property to change the border of an element to XYZ 29.3145, 31.9967, 39.2813 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(140, 156, 163) }
```


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

```
.border{ border-color:rgb(140, 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(140, 156, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 156, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 156, 163);  
box-shadow:4px 4px 4px 4px rgb(140, 156,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 29.3145, 31.9967, 39.2813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 156, 163) }
```

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

```
.background{ background-color: rgb(140,  
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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