

Converting Colors

XYZ(29.3026, 31.6478, 40.9802)

Have a look what the booklet for
XYZ(29.3026, 31.6478, 40.9802)
contains.

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Color

**XYZ(29.3439, 31.7217,
41.1355)**

Conversions

Conversions Part 1

Format	Color
Hex	8B9BA7
RGB	139, 155, 167
RGB Percent	55%, 61%, 65%
CMY	0.4549, 0.3921, 0.3451
CMYK	0.17, 0.07, 0.00, 0.35
HSL	206°, 14%, 60%
HSV	206°, 17%, 65%
XYZ	29.3439, 31.7217, 41.1355
YIQ	151.5840, -13.3880, 0.3400

Conversions

Conversions Part 2

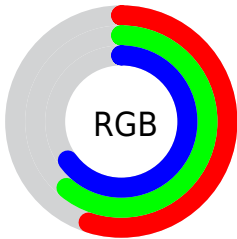
Format	Color
R_{YB}	139, 149, 167
Decimal	9149351
CIE _{Lab}	63.11, -3.07, -8.18
CIE _{LCh}	63, 8.739, 249.443
Yxy	31.7217, 0.2871, 0.3104
Android (android.graphics.Color)	4287339431 (0xFF8B9BA7)
YUV	151.5840, 7.6001, -11.0362
Hunter-Lab	56.3220, -5.5646, -3.8778

Details

The XYZ color **29.3439, 31.7217, 41.1355** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.6634, 32.2128, 28.9757**, and the grayscale version is **29.6391, 31.1827, 33.9579**.

A 20% lighter version of the original color is **57.9776, 62.2123, 78.0597**, and **12.1646, 13.2623, 18.1384** is the 20% darker color. If you saturate the color by 10%, you get **25.6100, 28.0817, 40.6302**, and if you desaturate by 10%, it is **33.5763, 35.7251, 41.6857**.

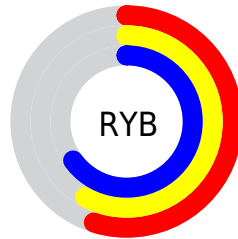
Distribution



Red (55%)

Green (61%)

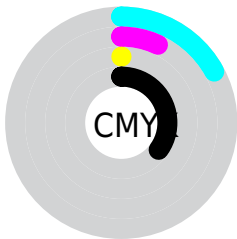
Blue (65%)



Red (55%)

Yellow (58%)

Blue (65%)

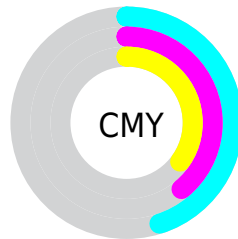


Cyan (17%)

Magenta (7%)

Yellow (0%)

Black (35%)



Cyan (45%)

Magenta (39%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.3439, 31.7217, 41.1355 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 29.3439, 31.7217, 41.1355 by changing the saturation by 10% instead.

■ 29.3439, 31.7217,
41.1355

■ 29.3439, 31.7217,
41.1355

290.7991,
309.8495, 366.5800

■ 19.4867, 21.1490,
28.1045

■ 58.0168, 62.3745,
78.1454

■ 12.1286, 13.2330,
18.1647

■ 77.5633, 83.2235,
102.9615

■ 6.9041, 7.5892,
10.8976

■ 101.0702,
108.2667, 132.5429

■ 3.4480, 3.8332,
5.8847

128.9029,
137.8885, 167.3082

■ 1.3949, 1.5807,
2.7075

161.4268,
172.4732, 207.6761

■ 0.2526, 0.3445,
0.9472

199.0072,

■ 0.0000, 0.0000,

212.4054, 254.0650

0.0000

242.0096,
258.0694, 306.8934

■ 29.3439, 31.7217,
41.1355

■ 29.3439, 31.7217,
41.1355

■ 25.6100, 28.0817,
40.6302

■ 33.5763, 35.7251,
41.6857

■ 22.3512, 24.7887,
40.1664

■ 38.3235, 40.0997,
42.2799

■ 19.5465, 21.8311,
39.7433

■ 43.6047, 44.8578,
42.9199

■ 17.1721, 19.1944,
39.3595

■ 49.4371, 50.0100,
43.6070

■ 15.2017, 16.8634,
39.0134

■ 55.8371, 55.5663,
44.3421

■ 13.6059, 14.8207,
38.7033

■ 62.8204, 61.5366,
45.1264

■ 12.3508, 13.0469,
38.4270

■ 70.0693, 67.7584,
45.9453

■ 11.3876, 11.5145,
38.1820

■ 71.8215, 71.2629,
46.5294

■ 11.1072, 11.0541,
38.1079

■ 73.6531, 74.9260,
47.1399

Harmonies

Analogous

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



28.3957, 31.7217, 38.9309



29.3439, 31.7217, 41.1355



30.5324, 31.7217, 41.5105

Triad

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



29.3439, 31.7217, 41.1355



32.4953, 31.7217, 33.4618



28.7018, 31.7217, 29.6624

Complementary

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



29.3439, 31.7217, 41.1355



31.6634, 32.2128, 28.9757

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.



29.7718, 31.7217, 28.3962



29.3439, 31.7217, 41.1355



31.9762, 31.7217, 30.4915

Square

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



29.3439, 31.7217, 41.1355



32.3733, 31.7217, 36.9234



30.9718, 31.7217, 28.6893



28.0319, 31.7217, 32.2606

Rectangle

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



29.3439, 31.7217, 41.1355



31.3043, 31.7217, 40.6491



30.9718, 31.7217, 28.6893



29.0254, 31.7217, 29.0751

Sweetspot

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



29.3448, 31.7230, 41.1362



61.4912, 65.2461, 74.8281



30.0257, 35.3505, 34.3779



13.6372, 14.4861, 16.7295



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



29.3448, 31.7230, 41.1362



50.0480, 54.3946, 73.3367



27.1973, 27.4280, 40.4204



7.4743, 7.9854, 9.5658



8.5486, 8.5574, 29.1767



0.2572, 0.3067, 0.7263

Inverse Universe

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



31.0861, 29.0481, 34.9803



53.7746, 48.8395, 60.1244



33.9922, 36.8703, 29.7520



7.7040, 7.6115, 8.7584



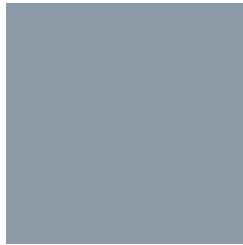
13.8155, 6.9349, 9.1061



0.3610, 0.1787, 0.3524

Previews

White Background



This preview shows how the XYZ color 29.3439, 31.7217, 41.1355 looks on a white background.

Color Contrast Check

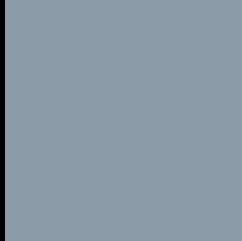
Large Text (above 18pt) WCAG AA × Fail

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 29.3439, 31.7217, 41.1355 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

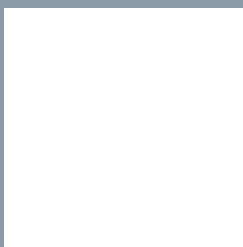
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.3439, 31.7217, 41.1355

Background



This preview shows how black text looks on a background with the XYZ color 29.3439, 31.7217, 41.1355.



This preview shows how white text looks on a background with the XYZ color 29.3439, 31.7217,

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

29.3439, 31.7217, 41.1355

Protanopia

30.9687, 31.8485, 40.1125

Deuteranopia

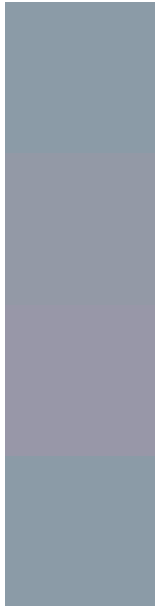
32.1550, 31.4805, 41.4274



Tritanopia

29.3439, 31.7217, 41.1355

Trichromacy



Original Color

29.3439, 31.7217, 41.1355

Protanomaly

30.3068, 31.7387, 40.6052

Deuteranomaly

31.0834, 31.6358, 41.5138

Tritanomaly

29.3439, 31.7217, 41.1355

Monochromacy



Original Color

29.3439, 31.7217, 41.1355

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

29.5097, 31.4198, 36.4076

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.3439, 31.7217, 41.1355 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(139, 155, 167)` looks like.

```
.text, #text, p{  
    color:rgb(139, 155, 167)  
}
```

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(139, 155, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 155, 167) }
```

Border

The CSS property to change the border of an element to XYZ 29.3439, 31.7217, 41.1355 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(139, 155, 167) }
```


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

```
.border{ border-color:rgb(139, 155, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 155, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 155, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 155, 167);  
box-shadow:4px 4px 4px 4px rgb(139, 155,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 29.3439, 31.7217, 41.1355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 155, 167) }
```

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

```
.background{ background-color: rgb(139,  
155, 167) }
```

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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