

Converting Colors

XYZ(29.3919, 31.9448, 40.5731)

Have a look what the booklet for
XYZ(29.3919, 31.9448, 40.5731)
contains.

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Color

**XYZ(29.4189, 32.0191,
40.7062)**

Conversions

Conversions Part 1

Format	Color
Hex	8B9CA6
RGB	139, 156, 166
RGB Percent	55%, 61%, 65%
CMY	0.4549, 0.3882, 0.3490
CMYK	0.16, 0.06, 0.00, 0.35
HSL	202°, 13%, 60%
HSV	202°, 16%, 65%
XYZ	29.4189, 32.0191, 40.7062
YIQ	152.0570, -13.3420, -0.4940

Conversions

Conversions Part 2

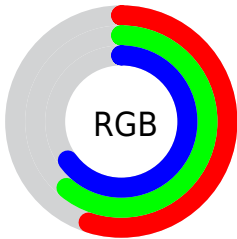
Format	Color
R_{YB}	139, 149, 166
Decimal	9149606
CIE _{Lab}	63.36, -3.84, -7.25
CIE _{LCh}	63, 8.208, 242.080
Yxy	32.0191, 0.2880, 0.3135
Android (android.graphics.Color)	4287339686 (0xFF8B9CA6)
YUV	152.0570, 6.8739, -11.4510
Hunter-Lab	56.5854, -6.2219, -3.0420

Details

The XYZ color **29.4189, 32.0191, 40.7062** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.1338, 31.4660, 28.8594**, and the grayscale version is **29.8458, 31.4001, 34.1947**.

A 20% lighter version of the original color is **58.0901, 62.6511, 77.4378**, and **12.2087, 13.4419, 17.8707** is the 20% darker color. If you saturate the color by 10%, you get **25.8495, 28.6871, 40.2517**, and if you desaturate by 10%, it is **33.4633, 35.6752, 41.1992**.

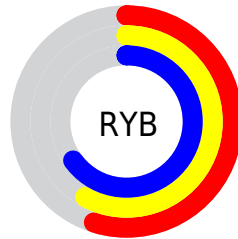
Distribution



Red (55%)

Green (61%)

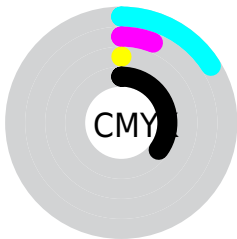
Blue (65%)



Red (55%)

Yellow (58%)

Blue (65%)

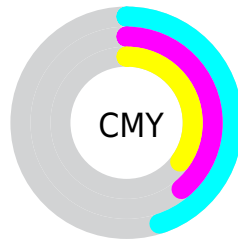


Cyan (16%)

Magenta (6%)

Yellow (0%)

Black (35%)



Cyan (45%)

Magenta (39%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.4189, 32.0191, 40.7062 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 29.4189, 32.0191, 40.7062 by changing the saturation by 10% instead.

■ 29.4189, 32.0191,
40.7062

■ 29.4189, 32.0191,
40.7062

291.1450,
311.2062, 364.7314

■ 19.5438, 21.3761,
27.7716

■ 58.1349, 62.8410,
77.4865

■ 12.1702, 13.3992,
17.9160

■ 77.7066, 83.7887,
102.1693

■ 6.9327, 7.7040,
10.7209

■ 101.2412,
108.9401, 131.6053

■ 3.4660, 3.9061,
5.7677

129.1040,
138.6796, 166.2130

■ 1.4047, 1.6212,
2.6378

161.6604,
173.3916, 206.4109

■ 0.2596, 0.3718,
0.9119

199.2759,

■ 0.0000, 0.0000,

213.4604, 252.6175

0.0000

242.3156,
259.2705, 305.2515

■ 29.4189, 32.0191,
40.7062

■ 29.4189, 32.0191,
40.7062

■ 25.8495, 28.6871,
40.2517

■ 33.4633, 35.6752,
41.1992

■ 22.7327, 25.6639,
39.8324

■ 37.9983, 39.6619,
41.7297

■ 20.0481, 22.9387,
39.4479

■ 43.0423, 43.9908,
42.2995

■ 17.7728, 20.4986,
39.0969

■ 48.6119, 48.6714,
42.9093

■ 15.8817, 18.3294,
38.7778

■ 54.7228, 53.7128,
43.5604

■ 14.3463, 16.4151,
38.4892

■ 61.3901, 59.1240,
44.2534

■ 13.1342, 14.7377,
38.2294

■ 68.5538, 64.8748,
44.9859

■ 12.2004, 13.2728,
37.9958

■ 69.9972, 67.7615,
45.4670

■ 11.8871, 12.7612,
37.9136

■ 71.4984, 70.7638,
45.9674

Harmonies

Analogous

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



28.6145, 32.0191, 38.3028



29.4189, 32.0191, 40.7062



30.5128, 32.0191, 41.5167

Triad

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



29.4189, 32.0191, 40.7062



32.6754, 32.0191, 34.6361



29.2845, 32.0191, 29.8129

Complementary

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



29.4189, 32.0191, 40.7062



31.1338, 31.4660, 28.8594

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.



30.3537, 32.0191, 28.9618



29.4189, 32.0191, 40.7062



32.3274, 32.0191, 31.6362

Square

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



29.4189, 32.0191, 40.7062



32.4103, 32.0191, 37.8844



31.4705, 32.0191, 29.6082



28.5382, 32.0191, 32.0074

Rectangle

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



29.4189, 32.0191, 40.7062



31.2641, 32.0191, 41.0065



31.4705, 32.0191, 29.6082



29.6171, 32.0191, 29.3666

Sweetspot

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



29.4198, 32.0204, 40.7069



61.6493, 65.5623, 74.8808



29.7011, 34.9288, 33.5691



13.6771, 14.5660, 16.7428



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.



29.4198, 32.0204, 40.7069



50.6303, 55.5591, 73.5308



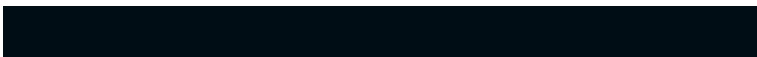
27.2936, 27.7679, 39.9982



7.5105, 8.0580, 9.5778



9.2634, 9.9871, 29.4150



0.2718, 0.3359, 0.7311

Inverse Universe

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



30.9600, 28.9733, 35.4146



54.0685, 48.9570, 61.6720



33.3776, 35.9535, 29.6073



7.7223, 7.6188, 8.8548



14.1764, 7.0793, 11.0062



0.3684, 0.1816, 0.3912

Previews

White Background



This preview shows how the XYZ color 29.4189, 32.0191, 40.7062 looks on a white background.

Color Contrast Check

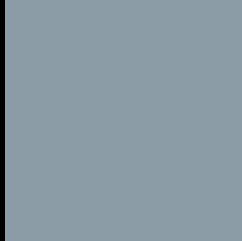
Large Text (above 18pt) WCAG AA × Fail

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 29.4189, 32.0191, 40.7062 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

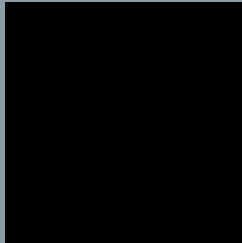
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

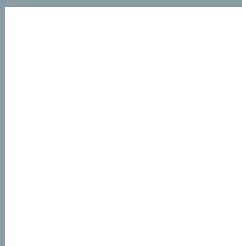
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.4189, 32.0191, 40.7062

Background



This preview shows how black text looks on a background with the XYZ color 29.4189, 32.0191, 40.7062.

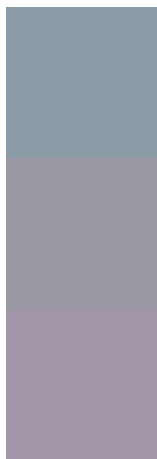


This preview shows how white text looks on a background with the XYZ color 29.4189, 32.0191,

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

29.4189, 32.0191, 40.7062

Protanopia

31.0659, 31.9091, 39.6437

Deuteranopia

32.4204, 31.8620, 41.0005



Tritanopia

29.6038, 32.0931, 41.6801

Trichromacy



Original Color

29.4189, 32.0191, 40.7062

Protanomaly

30.3955, 31.7950, 40.1323

Deuteranomaly

31.3402, 32.0188, 41.0877

Tritanomaly

29.5110, 32.0559, 41.1912

Monochromacy



Original Color

29.4189, 32.0191, 40.7062

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 29.4189, 32.0191, 40.7062 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, 156, 166)` looks like.

```
.text, #text, p{  
    color:rgb(139, 156, 166)  
}
```

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, 156, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 156, 166) }
```

Border

The CSS property to change the border of an element to XYZ 29.4189, 32.0191, 40.7062 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, 156, 166) }
```


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

```
.border{ border-color:rgb(139, 156, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 156, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 156, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 156, 166);  
box-shadow:4px 4px 4px 4px rgb(139, 156,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 29.4189, 32.0191, 40.7062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 156, 166) }
```

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

```
.background{ background-color: rgb(139,  
156, 166) }
```

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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