

Converting Colors

XYZ(29.0659, 31.7294, 34.2982)

Have a look what the booklet for
XYZ(29.0659, 31.7294, 34.2982)
contains.

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Color

**XYZ(29.0659, 31.7294,
34.2982)**

Conversions

Conversions Part 1

Format	Color
Hex	919B98
RGB	145, 155, 152
RGB Percent	57%, 61%, 60%
CMY	0.4314, 0.3921, 0.4039
CMYK	0.06, 0.00, 0.02, 0.39
HSL	162°, 5%, 59%
HSV	162°, 6%, 61%
XYZ	29.0659, 31.7294, 34.2982
YIQ	151.6680, -4.9970, -3.0530

Conversions

Conversions Part 2

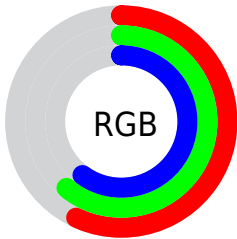
Format	Color
RYB	145, 151, 155
Decimal	9542552
CIELab	63.12, -4.17, 0.33
CIELCh	63, 4.180, 175.479
Yxy	31.7294, 0.3057, 0.3337
Android (android.graphics.Color)	4287732632 (0xFF919B98)
YUV	151.6680, 0.1637, -5.8478
Hunter-Lab	56.3289, -6.4688, 3.3290

Details

The XYZ color **29.0659, 31.7294, 34.2982** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.9894, 29.3583, 32.1573**, and the grayscale version is **29.7036, 31.2505, 34.0318**.

A 20% lighter version of the original color is **57.4942, 62.1993, 67.3679**, and **12.0186, 13.2731, 14.2404** is the 20% darker color. If you saturate the color by 10%, you get **26.1453, 30.2678, 32.2116**, and if you desaturate by 10%, it is **32.3759, 33.3918, 36.4824**.

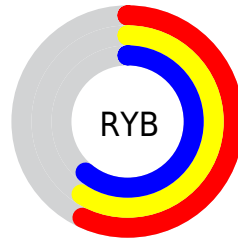
Distribution



Red (57%)

Green (61%)

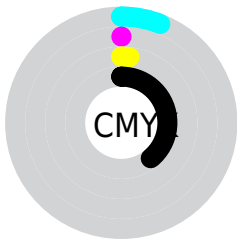
Blue (60%)



Red (57%)

Yellow (59%)

Blue (61%)

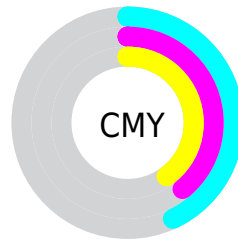


Cyan (6%)

Magenta (0%)

Yellow (2%)

Black (39%)



Cyan (43%)

Magenta (39%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.0659, 31.7294, 34.2982 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 29.0659, 31.7294, 34.2982 by changing the saturation by 10% instead.

■ 29.0659, 31.7294,
34.2982

■ 29.0659, 31.7294,
34.2982

289.5144,
309.8847, 336.2693

■ 19.2752, 21.1549,
22.8436

■ 57.5786, 62.3866,
67.5363

■ 11.9745, 13.2373,
14.2738

■ 77.0313, 83.2382,
90.1569

■ 6.7984, 7.5921,
8.1704

100.4355,
108.2841, 117.3365

■ 3.3815, 3.8351,
4.1149

128.1563,
137.9090, 149.4937

■ 1.3586, 1.5817,
1.6886

160.5593,
172.4970, 187.0471

■ 0.2264, 0.3452,
0.3529

198.0097,

■ 0.0000, 0.0000,

212.4328, 230.4151

0.0000

240.8730,
258.1005, 280.0163

■ 29.0659, 31.7294,
34.2982

■ 29.0659, 31.7294,
34.2982

■ 26.1453, 30.2678,
32.2116

■ 32.3759, 33.3918,
36.4824

■ 23.5963, 28.9953,
30.2188

■ 36.0870, 35.2582,
38.7637

■ 21.4036, 27.9047,
28.3190

■ 40.2136, 37.3372,
41.1442

■ 19.5498, 26.9871,
26.5104

■ 44.7686, 39.6351,
43.6254

■ 18.0161, 26.2329,
24.7913

■ 49.7644, 42.1586,
46.2086

■ 16.7815, 25.6313,
23.1596

■ 55.2128, 44.9135,
48.8953

■ 15.8228, 25.1703,
21.6133

■ 61.1253, 47.9059,
51.6868

■ 15.1129, 24.8360,
20.1503

■ 62.1715, 48.3877,
54.3344

■ 14.6121, 24.6079,
18.7675

■ 62.6856, 48.5933,
57.0417

Harmonies

Analogous

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



29.2534, 31.7294, 32.7793



29.0659, 31.7294, 34.2982



29.1679, 31.7294, 35.9321

Triad

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



29.0659, 31.7294, 34.2982



30.6374, 31.7294, 37.4947



30.7906, 31.7294, 31.9970

Complementary

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



29.0659, 31.7294, 34.2982



28.9894, 29.3583, 32.1573

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.



31.1700, 31.7294, 33.1998



29.0659, 31.7294, 34.2982



31.0807, 31.7294, 36.3790

Square

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



29.0659, 31.7294, 34.2982



30.0705, 31.7294, 37.8114



31.2768, 31.7294, 34.7989



30.2453, 31.7294, 31.4779

Rectangle

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



29.0659, 31.7294, 34.2982



29.3870, 31.7294, 36.8620



31.2768, 31.7294, 34.7989



30.9420, 31.7294, 32.3328

Sweetspot

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



29.0668, 31.7307, 34.2989



54.5815, 58.0920, 63.1273



29.0761, 31.7999, 31.3941



12.3705, 13.1570, 14.2993



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



29.0668, 31.7307, 34.2989



51.1136, 56.3528, 60.7740



29.0130, 31.2246, 35.5097



6.3055, 6.9949, 7.5324



11.6264, 19.7140, 14.7850



0.1896, 0.3011, 0.3043

Inverse Universe

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



28.9894, 29.3583, 32.1573



50.9405, 51.0430, 55.9810



29.0373, 29.8295, 31.0158



6.2813, 6.2517, 6.8615



11.2771, 5.7651, 2.7182



0.1833, 0.0921, 0.1180

Previews

White Background



This preview shows how the XYZ color 29.0659, 31.7294, 34.2982 looks on a white background.

Color Contrast Check

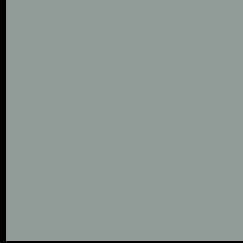
Large Text (above 18pt) WCAG AA × Fail

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 29.0659, 31.7294, 34.2982 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

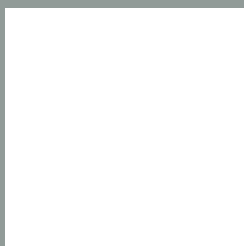
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.0659, 31.7294, 34.2982

Background



This preview shows how black text looks on a background with the XYZ color 29.0659, 31.7294, 34.2982.



This preview shows how white text looks on a background with the XYZ color 29.0659, 31.7294,

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

29.0659, 31.7294, 34.2982

Protanopia

30.4436, 31.7264, 33.3734

Deuteranopia

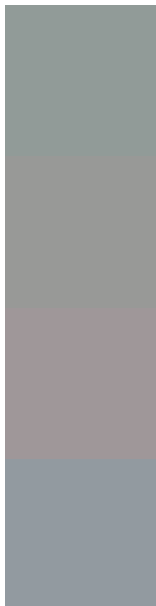
32.2760, 31.6952, 34.5536



Tritanopia

30.2154, 31.7021, 40.1239

Trichromacy



Original Color

29.0659, 31.7294, 34.2982

Protanomaly

29.9260, 31.6922, 33.8181

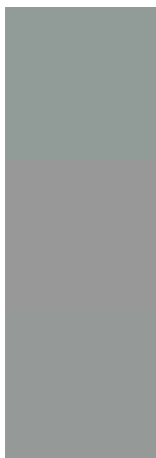
Deuteranomaly

31.1145, 31.8041, 34.6359

Tritanomaly

29.7548, 31.7603, 37.8198

Monochromacy



Original Color

29.0659, 31.7294, 34.2982

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

29.4532, 31.4390, 34.2218

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0659, 31.7294, 34.2982 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(145, 155, 152) looks like.

```
.text, #text, p{  
    color:rgb(145, 155, 152)  
}
```

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(145, 155, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 155, 152) }
```

Border

The CSS property to change the border of an element to XYZ 29.0659, 31.7294, 34.2982 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(145, 155, 152) }
```


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

```
.border{ border-color:rgb(145, 155, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 155, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 155, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 155, 152);  
box-shadow:4px 4px 4px 4px rgb(145, 155,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0659, 31.7294, 34.2982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 155, 152) }
```

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

```
.background{ background-color: rgb(145,  
155, 152) }
```

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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