

Converting Colors

XYZ(29.1196, 29.2634, 32.9283)

Have a look what the booklet for
XYZ(29.1196, 29.2634, 32.9283)
contains.

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Color

**XYZ(28.9958, 29.1171,
32.9461)**

Conversions

Conversions Part 1

Format	Color
Hex	9B9096
RGB	155, 144, 150
RGB Percent	61%, 56%, 59%
CMY	0.3922, 0.4353, 0.4118
CMYK	0.00, 0.07, 0.03, 0.39
HSL	327°, 5%, 59%
HSV	327°, 7%, 61%
XYZ	28.9958, 29.1171, 32.9461
YIQ	147.9730, 4.6300, 4.1980

Conversions

Conversions Part 2

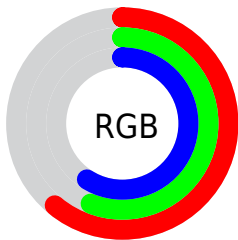
Format	Color
RYB	155, 144, 150
Decimal	10195094
CIELab	60.88, 5.19, -1.71
CIElCh	61, 5.465, 341.770
Yxy	29.1171, 0.3184, 0.3198
Android (android.graphics.Color)	4288385174 (0xFF9B9096)
YUV	147.9730, 0.9993, 6.1627
Hunter-Lab	53.9603, 1.4874, 1.5719

Details

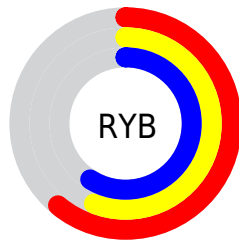
The XYZ color **28.9958, 29.1171, 32.9461** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.6488, 31.5425, 33.0136**, and the grayscale version is **28.1323, 29.5974, 32.2316**.

A 20% lighter version of the original color is **57.3877, 58.3031, 65.3557**, and **11.9638, 11.8493, 13.4610** is the 20% darker color. If you saturate the color by 10%, you get **26.2572, 24.5205, 29.3174**, and if you desaturate by 10%, it is **32.0926, 34.3745, 36.8633**.

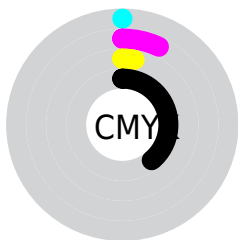
Distribution



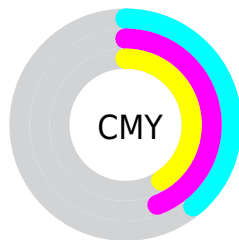
- Red (61%)
- Green (56%)
- Blue (59%)



- Red (61%)
- Yellow (56%)
- Blue (59%)



- Cyan (0%)
- Magenta (7%)
- Yellow (3%)
- Black (39%)



- Cyan (39%)
- Magenta (44%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.9958, 29.1171, 32.9461 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 28.9958, 29.1171, 32.9461 by changing the saturation by 10% instead.

■ 28.9958, 29.1171,
32.9461

■ 28.9958, 29.1171,
32.9461

289.1897,
297.7671, 330.0313

■ 19.2219, 19.1694,
21.8144

■ 57.4680, 58.2631,
65.4064

■ 11.9357, 11.7928,
13.5236

■ 76.8971, 78.2302,
87.5721

■ 6.7718, 6.6027,
7.6551

100.2752,
102.3059, 114.2528

■ 3.3648, 3.2149,
3.7905

127.9678,
130.8746, 145.8672

■ 1.3495, 1.2449,
1.5111

160.3402,
164.3206, 182.8336

■ 0.2198, 0.0980,
0.2262

197.7577,

■ 0.0000, 0.0000,

203.0285, 225.5708

0.0000

240.5858,
247.3825, 274.4972

■ 28.9958, 29.1171,
32.9461

■ 28.9958, 29.1171,
32.9461

■ 26.2572, 24.5205,
29.3174

■ 32.0926, 34.3745,
36.8633

■ 23.8606, 20.5547,
25.9679

■ 35.5578, 40.3139,
41.0742

■ 21.7922, 17.1927,
22.8902

■ 39.4047, 46.9600,
45.5863

■ 20.0365, 14.4043,
20.0761

■ 43.6448, 54.3352,
50.4063

■ 18.5765, 12.1566,
17.5167

■ 48.2893, 62.4609,
55.5405

■ 17.3935, 10.4133,
15.2025

■ 53.3489, 71.3578,
60.9951

■ 16.4666, 9.1337,
13.1231

■ 58.8338, 81.0454,
66.7760

■ 15.7715, 8.2705,
11.2670

■ 60.4640, 82.9632,
71.4592

■ 15.2697, 7.7476,
9.6175

■ 61.3417, 83.3142,
76.0810

Harmonies

Analogous

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



28.5970, 29.1171, 34.7188



28.9958, 29.1171, 32.9461



29.0370, 29.1171, 30.9105

Triad

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



28.9958, 29.1171, 32.9461



27.3966, 29.1171, 28.0178



26.6663, 29.1171, 34.3879

Complementary

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



28.9958, 29.1171, 32.9461



28.6488, 31.5425, 33.0136

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.



26.3561, 29.1171, 32.5101



28.9958, 29.1171, 32.9461



26.7729, 29.1171, 28.8681

Square

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



28.9958, 29.1171, 32.9461



28.1055, 29.1171, 28.1233



26.3948, 29.1171, 30.4927



27.2488, 29.1171, 35.5755

Rectangle

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



28.9958, 29.1171, 32.9461



28.8553, 29.1171, 29.6836



26.3948, 29.1171, 30.4927



26.5272, 29.1171, 33.8132

Sweetspot

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



28.9966, 29.1184, 32.9467



54.6513, 56.7562, 62.4846



28.2760, 28.6994, 35.0598



12.3853, 12.8725, 14.1624



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.



28.9966, 29.1184, 32.9467



50.8568, 50.3384, 57.6092



28.5680, 28.9469, 30.6896



6.3426, 6.2762, 7.1843



12.1789, 6.1258, 7.4671



0.2004, 0.0989, 0.2082

Inverse Universe

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



28.9966, 29.1184, 32.9467



50.8568, 50.3384, 57.6092



29.0941, 31.7207, 35.3583



6.3426, 6.2762, 7.1843



12.1789, 6.1258, 7.4671



0.2004, 0.0989, 0.2082

Previews

White Background



This preview shows how the XYZ color 28.9958, 29.1171, 32.9461 looks on a white background.

Color Contrast Check

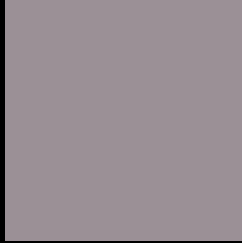
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.9958, 29.1171, 32.9461 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

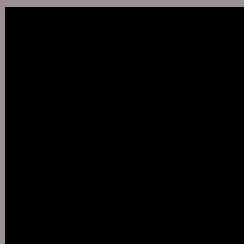
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.9958, 29.1171, 32.9461

Background



This preview shows how black text looks on a background with the XYZ color 28.9958, 29.1171, 32.9461.



This preview shows how white text looks on a background with the XYZ color 28.9958, 29.1171,

32.9461.

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

28.9958, 29.1171, 32.9461

Protanopia

28.0775, 29.0880, 33.4129

Deuteranopia

29.6752, 29.0216, 32.8918



Tritanopia

29.4492, 29.0794, 35.0711

Trichromacy



Original Color

28.9958, 29.1171, 32.9461

Protanomaly

28.4738, 29.0645, 33.3874

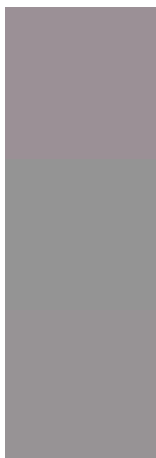
Deuteranomaly

29.4280, 29.1160, 32.9231

Tritanomaly

29.2825, 29.0127, 34.1937

Monochromacy



Original Color

28.9958, 29.1171, 32.9461

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.6210, 29.6167, 32.6419

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.9958, 29.1171, 32.9461 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(155, 144, 150)` looks like.

```
.text, #text, p{  
    color:rgb(155, 144, 150)  
}
```

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(155, 144, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 144, 150) }
```

Border

The CSS property to change the border of an element to XYZ 28.9958, 29.1171, 32.9461 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(155, 144, 150) }
```


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

```
.border{ border-color:rgb(155, 144, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 144, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 144, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 144, 150);  
box-shadow:4px 4px 4px 4px rgb(155, 144,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 28.9958, 29.1171, 32.9461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 144, 150) }
```

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

```
.background{ background-color: rgb(155,  
144, 150) }
```

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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