

Converting Colors

XYZ(28.9472, 29.4286, 32.2661)

Have a look what the booklet for
XYZ(28.9472, 29.4286, 32.2661)
contains.

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Color

**XYZ(28.7971, 29.2589,
32.1467)**

Conversions

Conversions Part 1

Format	Color
Hex	9A9194
RGB	154, 145, 148
RGB Percent	60%, 57%, 58%
CMY	0.3961, 0.4314, 0.4196
CMYK	0.00, 0.06, 0.04, 0.40
HSL	340°, 4%, 59%
HSV	340°, 6%, 60%
XYZ	28.7971, 29.2589, 32.1467
YIQ	148.0330, 4.4010, 2.8410

Conversions

Conversions Part 2

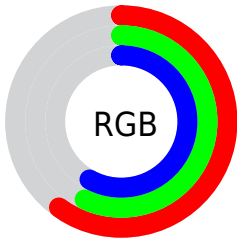
Format	Color
RYB	154, 145, 148
Decimal	10129812
CIELab	61.01, 3.88, -0.40
CIELCh	61, 3.903, 354.120
Yxy	29.2589, 0.3192, 0.3244
Android (android.graphics.Color)	4288319892 (0xFF9A9194)
YUV	148.0330, -0.0163, 5.2331
Hunter-Lab	54.0915, 0.3693, 2.6279

Details

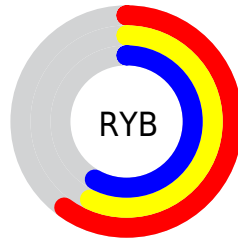
The XYZ color **28.7971, 29.2589, 32.1467** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.8197, 31.3661, 33.8150**, and the grayscale version is **28.1615, 29.6281, 32.2650**.

A 20% lighter version of the original color is **57.0965, 58.5210, 64.1635**, and **11.8434, 11.9310, 12.9880** is the 20% darker color. If you saturate the color by 10%, you get **25.8246, 24.5573, 27.3218**, and if you desaturate by 10%, it is **32.1624, 34.6299, 37.4592**.

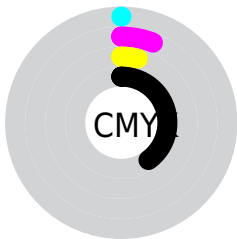
Distribution



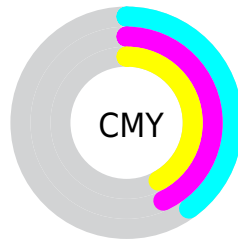
- Red (60%)
- Green (57%)
- Blue (58%)



- Red (60%)
- Yellow (57%)
- Blue (58%)



- Cyan (0%)
- Magenta (6%)
- Yellow (4%)
- Black (40%)



- Cyan (40%)
- Magenta (43%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.7971, 29.2589, 32.1467 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 28.7971, 29.2589, 32.1467 by changing the saturation by 10% instead.

■ 28.7971, 29.2589,
32.1467

■ 28.7971, 29.2589,
32.1467

288.2679,
298.4346, 326.3003

■ 19.0709, 19.2768,
21.2078

■ 57.1544, 58.4882,
64.1416

■ 11.8258, 11.8704,
13.0833

■ 76.5161, 78.5041,
86.0347

■ 6.6965, 6.6555,
7.3545

99.8204, 102.6334,
112.4162

■ 3.3177, 3.2476,
3.6030

127.4327,
131.2605, 143.7048

■ 1.3239, 1.2623,
1.4102

159.7182,
164.7698, 180.3190

■ 0.2010, 0.1118,
0.1496

197.0423,

■ 0.0000, 0.0000,

203.5456, 222.6773

0.0000

239.7705,
247.9724, 271.1982

■ 28.7971, 29.2589,
32.1467

■ 28.7971, 29.2589,
32.1467

■ 25.8246, 24.5573,
27.3218

■ 32.1624, 34.6299,
37.4592

■ 23.2278, 20.4951,
22.9684

■ 35.9319, 40.6912,
43.2707

■ 20.9920, 17.0454,
19.0725

■ 40.1194, 47.4677,
49.5950

■ 19.1005, 14.1784,
15.6184

■ 44.7376, 54.9817,
56.4443

■ 17.5354, 11.8613,
12.5896

■ 49.7984, 63.2546,
63.8307

■ 16.2769, 10.0583,
9.9686

■ 55.3135, 72.3070,
71.7659

■ 15.3029, 8.7293,
7.7364

■ 61.2937, 82.1586,
80.2610

■ 14.5885, 7.8279,
5.8720

■ 63.3919, 84.1122,
87.8743

■ 14.0995, 7.2905,
4.3509

■ 64.8786, 84.7069,
95.7031

Harmonies

Analogous

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



28.6122, 29.2589, 33.5333



28.7971, 29.2589, 32.1467



28.7148, 29.2589, 30.7235

Triad

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



28.7971, 29.2589, 32.1467



27.4107, 29.2589, 29.3617



27.2386, 29.2589, 34.1892

Complementary

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



28.7971, 29.2589, 32.1467



28.8197, 31.3661, 33.8150

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.



26.9238, 29.2589, 33.0200



28.7971, 29.2589, 32.1467



27.0223, 29.2589, 30.2394

Square

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



28.7971, 29.2589, 32.1467



27.9103, 29.2589, 29.1439



26.8451, 29.2589, 31.5710



27.7093, 29.2589, 34.7355

Rectangle

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



28.7971, 29.2589, 32.1467



28.5200, 29.2589, 29.9417



26.8451, 29.2589, 31.5710



27.1113, 29.2589, 33.8543

Sweetspot

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



28.7979, 29.2602, 32.1473



54.5519, 56.7165, 61.9610



28.7216, 29.1645, 34.6878



12.3642, 12.8640, 14.0509



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.



28.7979, 29.2602, 32.1473



51.5725, 51.9765, 57.2103



28.7943, 29.6278, 30.9906



6.4178, 6.4584, 7.1111



11.3649, 5.8002, 3.1806



0.1856, 0.0930, 0.1301

Inverse Universe

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



28.7979, 29.2602, 32.1473



51.5725, 51.9765, 57.2103



28.8203, 30.9728, 35.0316



6.4178, 6.4584, 7.1111



11.3649, 5.8002, 3.1806



0.1856, 0.0930, 0.1301

Previews

White Background



This preview shows how the XYZ color 28.7971, 29.2589, 32.1467 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 28.7971, 29.2589, 32.1467 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

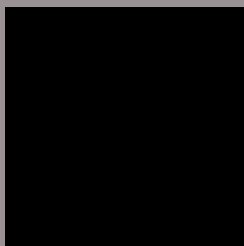
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

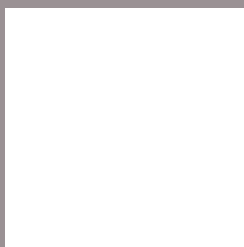
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.7971, 29.2589, 32.1467

Background



This preview shows how black text looks on a background with the XYZ color 28.7971, 29.2589, 32.1467.



This preview shows how white text looks on a background with the XYZ color 28.7971, 29.2589,

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

28.7971, 29.2589, 32.1467

Protanopia

28.0981, 29.1173, 32.5730

Deuteranopia

29.8657, 29.3601, 32.1099



Tritanopia

29.4072, 29.2816, 35.1123

Trichromacy



Original Color

28.7971, 29.2589, 32.1467

Protanomaly

28.4662, 29.3070, 32.5903

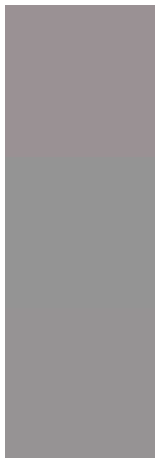
Deuteranomaly

29.4191, 29.3537, 32.1323

Tritanomaly

29.1583, 29.1821, 33.8017

Monochromacy



Original Color

28.7971, 29.2589, 32.1467

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.3567, 29.4896, 32.2145

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.7971, 29.2589, 32.1467 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(154, 145, 148)` looks like.

```
.text, #text, p{  
    color:rgb(154, 145, 148)  
}
```

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(154, 145, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 145, 148) }
```

Border

The CSS property to change the border of an element to XYZ 28.7971, 29.2589, 32.1467 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(154, 145, 148) }
```


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

```
.border{ border-color:rgb(154, 145, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 145, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 145, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 145, 148);  
box-shadow:4px 4px 4px 4px rgb(154, 145,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 28.7971, 29.2589, 32.1467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 145, 148) }
```

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

```
.background{ background-color: rgb(154,  
145, 148) }
```

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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