

Converting Colors

XYZ(28.9520, 29.2094, 28.5793)

Have a look what the booklet for
XYZ(28.9520, 29.2094, 28.5793)
contains.

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Color

**XYZ(28.9315, 29.1815,
28.5338)**

Conversions

Conversions Part 1

Format	Color
Hex	9F908B
RGB	159, 144, 139
RGB Percent	62%, 56%, 55%
CMY	0.3765, 0.4353, 0.4549
CMYK	0.00, 0.09, 0.13, 0.38
HSL	15°, 9%, 58%
HSV	15°, 13%, 62%
XYZ	28.9315, 29.1815, 28.5338
YIQ	147.9150, 10.5450, 1.6250

Conversions

Conversions Part 2

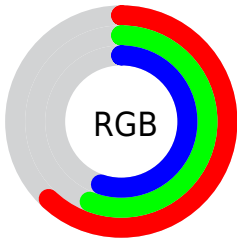
Format	Color
R_{YB}	159, 146, 139
Decimal	10457227
CIE Lab	60.94, 4.70, 4.67
CIE LCh	61, 6.625, 44.841
Yxy	29.1815, 0.3339, 0.3368
Android (android.graphics.Color)	4288647307 (0xFF9F908B)
YUV	147.9150, -4.3951, 9.7215
Hunter-Lab	54.0199, 1.0646, 6.4964

Details

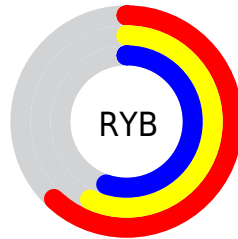
The XYZ color **28.9315, 29.1815, 28.5338** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.4609, 31.1027, 37.3045**, and the grayscale version is **28.1282, 29.5930, 32.2268**.

A 20% lighter version of the original color is **57.4401, 58.4901, 58.1315**, and **11.8693, 11.8525, 11.1134** is the 20% darker color. If you saturate the color by 10%, you get **26.1419, 25.3282, 22.2830**, and if you desaturate by 10%, it is **32.0824, 33.4865, 35.7394**.

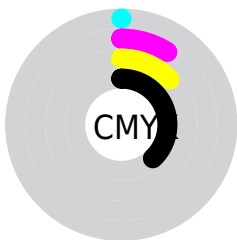
Distribution



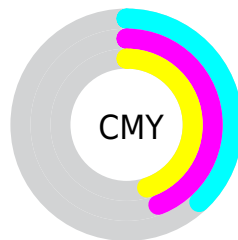
- Red (62%)
- Green (56%)
- Blue (55%)



- Red (62%)
- Yellow (57%)
- Blue (55%)



- Cyan (0%)
- Magenta (9%)
- Yellow (13%)
- Black (38%)



- Cyan (38%)
- Magenta (44%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.9315, 29.1815, 28.5338 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 28.9315, 29.1815, 28.5338 by changing the saturation by 10% instead.

■ 28.9315, 29.1815,
28.5338

■ 28.9315, 29.1815,
28.5338

288.8917,
298.0704, 309.0007

■ 19.1730, 19.2182,
18.4859

■ 57.3665, 58.3653,
58.3689

■ 11.9001, 11.8280,
11.1264

■ 76.7738, 78.3546,
78.9931

■ 6.7474, 6.6267,
6.0366

■ 100.1281,
102.4547, 103.9799

■ 3.3496, 3.2297,
2.7982

127.7947,
131.0499, 133.7478

■ 1.3412, 1.2528,
0.9926

160.1390,
164.5247, 168.7152

■ 0.2137, 0.1042,
0.0000

197.5264,

■ 0.0000, 0.0000,

203.2634, 209.3009

0.0000

240.3221,
247.6505, 255.9232

■ 28.9315, 29.1815,
28.5338

■ 28.9315, 29.1815,
28.5338

■ 26.1419, 25.3282,
22.2830

■ 32.0824, 33.4865,
35.7394

■ 23.6982, 21.9079,
16.9450

■ 35.6047, 38.2533,
43.9358

■ 21.5870, 18.9065,
12.4773

■ 39.5111, 43.4965,
53.1593

■ 19.7935, 16.3075,
8.8332

■ 43.8128, 49.2290,
63.4440

■ 18.3014, 14.0934,
5.9618

■ 48.5207, 55.4631,
74.8222

■ 17.0931, 12.2453,
3.8064

■ 53.6453, 62.2108,
87.3250

■ 16.1488, 10.7426,
2.3023

■ 59.1965, 69.4835,
100.9821

■ 15.4459, 9.5623,
1.3731

■ 63.3275, 76.5496,
106.0456

■ 15.0494, 8.8734,
0.9195

■ 66.9415, 83.7777,
107.2503

Harmonies

Analogous

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



29.3741, 29.1815, 30.5699



28.9315, 29.1815, 28.5338



28.1731, 29.1815, 27.3969

Triad

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



28.9315, 29.1815, 28.5338



26.1625, 29.1815, 30.5451



28.1641, 29.1815, 36.6009

Complementary

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



28.9315, 29.1815, 28.5338



28.4609, 31.1027, 37.3045

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.



27.3038, 29.1815, 36.5934



28.9315, 29.1815, 28.5338



26.1602, 29.1815, 33.0087

Square

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



28.9315, 29.1815, 28.5338



26.5805, 29.1815, 28.5164



26.5742, 29.1815, 35.2500



28.9248, 29.1815, 35.2700

Rectangle

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



28.9315, 29.1815, 28.5338



27.5961, 29.1815, 27.2625



26.5742, 29.1815, 35.2500



27.8767, 29.1815, 36.7570

Sweetspot

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



28.9323, 29.1828, 28.5344



56.5694, 58.7643, 61.9615



29.3637, 28.1696, 34.4618



12.6584, 13.1188, 13.7504



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



28.9323, 29.1828, 28.5344



50.3994, 50.3164, 47.9060



30.5142, 32.3465, 29.0617



6.7612, 6.9024, 6.9616



11.9156, 7.0668, 0.7360



0.2435, 0.1872, 0.0233

Inverse Universe

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



28.4609, 31.1027, 37.3045



49.3917, 54.4175, 66.6439



26.8791, 27.9391, 36.7772



6.6812, 7.2282, 8.4497



10.2087, 12.5089, 27.7836



0.2135, 0.2857, 0.5071

Previews

White Background



This preview shows how the XYZ color 28.9315, 29.1815, 28.5338 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 28.9315, 29.1815, 28.5338 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 28.9315, 29.1815, 28.5338

Background



This preview shows how black text looks on a background with the XYZ color 28.9315, 29.1815, 28.5338.



This preview shows how white text looks on a background with the XYZ color 28.9315, 29.1815,

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

28.9315, 29.1815, 28.5338

Protanopia

27.7750, 29.0305, 28.9505

Deuteranopia

29.6430, 29.1026, 28.4811



Tritanopia

30.1207, 29.2230, 34.1901

Trichromacy



Original Color

28.9315, 29.1815, 28.5338

Protanomaly

28.1854, 29.0143, 28.9257

Deuteranomaly

29.3830, 29.1904, 28.5118

Tritanomaly

29.6650, 29.2566, 32.1006

Monochromacy



Original Color

28.9315, 29.1815, 28.5338

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.4934, 29.5872, 30.9972

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.9315, 29.1815, 28.5338 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(159, 144, 139) looks like.

```
.text, #text, p{  
    color:rgb(159, 144, 139)  
}
```

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(159, 144, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 144, 139) }
```

Border

The CSS property to change the border of an element to XYZ 28.9315, 29.1815, 28.5338 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(159, 144, 139) }
```


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

```
.border{ border-color:rgb(159, 144, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 144, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 144, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 144, 139); box-shadow:4px 4px 4px 4px rgb(159, 144, 139) }
```

Background

The CSS property to change the background color of an element to XYZ 28.9315, 29.1815, 28.5338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 144, 139) }
```

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

```
.background{ background-color: rgb(159,  
144, 139) }
```

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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