

Converting Colors

XYZ(28.8240, 29.0476, 29.2089)

Have a look what the booklet for
XYZ(28.8240, 29.0476, 29.2089)
contains.

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Color

**XYZ(28.8815, 29.1387,
29.3014)**

Conversions

Conversions Part 1

Format	Color
Hex	9E908D
RGB	158, 144, 141
RGB Percent	62%, 56%, 55%
CMY	0.3804, 0.4353, 0.4471
CMYK	0.00, 0.09, 0.11, 0.38
HSL	11°, 8%, 59%
HSV	11°, 11%, 62%
XYZ	28.8815, 29.1387, 29.3014
YIQ	147.8440, 9.3070, 2.0350

Conversions

Conversions Part 2

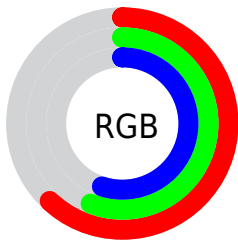
Format	Color
R_{YB}	158, 145, 141
Decimal	10391693
CIE Lab	60.90, 4.67, 3.47
CIE LCh	61, 5.814, 36.631
Yxy	29.1387, 0.3307, 0.3337
Android (android.graphics.Color)	4288581773 (0xFF9E908D)
YUV	147.8440, -3.3741, 8.9068
Hunter-Lab	53.9803, 1.0388, 5.6026

Details

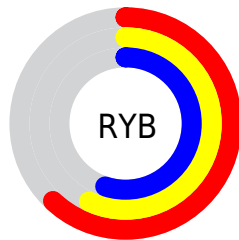
The XYZ color **28.8815, 29.1387, 29.3014** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.8772, 31.5734, 36.9203**, and the grayscale version is **28.0949, 29.5580, 32.1886**.

A 20% lighter version of the original color is **57.4850, 58.4744, 59.8867**, and **11.9544, 11.8865, 11.5618** is the 20% darker color. If you saturate the color by 10%, you get **25.9308, 24.9862, 22.9255**, and if you desaturate by 10%, it is **32.2287, 33.8150, 36.6376**.

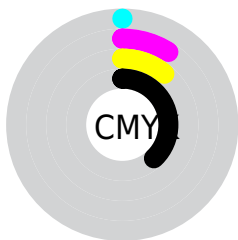
Distribution



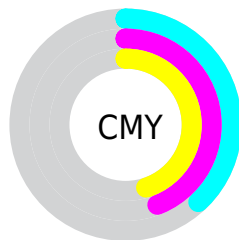
- Red (62%)
- Green (56%)
- Blue (55%)



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



- Cyan (0%)
- Magenta (9%)
- Yellow (11%)
- Black (38%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.8815, 29.1387, 29.3014 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 28.8815, 29.1387, 29.3014 by changing the saturation by 10% instead.

■ 28.8815, 29.1387,
29.3014

■ 28.8815, 29.1387,
29.3014

288.6597,
297.8688, 312.7397

■ 19.1350, 19.1858,
19.0614

■ 57.2876, 58.2974,
59.6035

■ 11.8725, 11.8046,
11.5374

■ 76.6780, 78.2719,
80.5027

■ 6.7285, 6.6108,
6.3108

■ 100.0137,
102.3558, 105.7920

■ 3.3377, 3.2199,
2.9632

127.6601,
130.9334, 135.8900

■ 1.3348, 1.2476,
1.0759

159.9825,
164.3891, 171.2153

■ 0.2090, 0.1001,
0.0000

197.3464,

■ 0.0000, 0.0000,

203.1073, 212.1863

0.0000

240.1170,
247.4724, 259.2216

■ 28.8815, 29.1387,
29.3014

■ 28.8815, 29.1387,
29.3014

■ 25.9308, 24.9862,
22.9255

■ 32.2287, 33.8150,
36.6376

■ 23.3594, 21.3355,
17.4684

■ 35.9838, 39.0286,
44.9698

■ 21.1524, 18.1686,
12.8881

■ 40.1610, 44.7971,
54.3340

■ 19.2930, 15.4651,
9.1385

■ 44.7729, 51.1364,
64.7639

■ 17.7632, 13.2030,
6.1697

■ 49.8316, 58.0615,
76.2916

■ 16.5430, 11.3586,
3.9261

■ 55.3488, 65.5871,
88.9480

■ 15.6106, 9.9058,
2.3445

■ 61.3358, 73.7273,
102.7627

■ 14.9406, 8.8155,
1.3513

■ 65.7415, 81.6708,
106.9068

■ 14.5138, 8.0954,
0.7976

■ 67.9107, 86.0092,
107.6299

Harmonies

Analogous

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



29.1684, 29.1387, 31.2476



28.8815, 29.1387, 29.3014



28.2775, 29.1387, 28.0479

Triad

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



28.8815, 29.1387, 29.3014



26.3791, 29.1387, 30.1002



27.8641, 29.1387, 36.0561

Complementary

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



28.8815, 29.1387, 29.3014



28.8772, 31.5734, 36.9203

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.



27.1214, 29.1387, 35.7147



28.8815, 29.1387, 29.3014



26.2730, 29.1387, 32.2115

Square

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



28.8815, 29.1387, 29.3014



26.8350, 29.1387, 28.4942



26.5423, 29.1387, 34.2831



28.5741, 29.1387, 35.1957

Rectangle

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



28.8815, 29.1387, 29.3014



27.7812, 29.1387, 27.7403



26.5423, 29.1387, 34.2831



27.6099, 29.1387, 36.0786

Sweetspot

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



28.8823, 29.1400, 29.3020



57.0645, 59.3699, 63.3123



29.5561, 28.6914, 35.0643



12.7551, 13.2314, 14.0318



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.



28.8823, 29.1400, 29.3020



51.0465, 50.9485, 50.1628



30.1910, 31.7573, 29.7382



6.7231, 6.8262, 6.9489



11.6456, 6.5267, 0.6460



0.2313, 0.1628, 0.0192

Inverse Universe

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



28.8772, 31.5734, 36.9203



51.0350, 56.3006, 66.9207



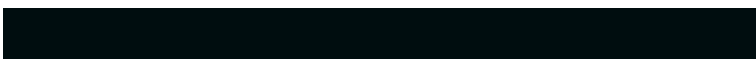
27.5384, 28.8956, 36.4740



6.7221, 7.3100, 8.4634



11.3713, 14.8341, 28.1712



0.2272, 0.3130, 0.5117

Previews

White Background



This preview shows how the XYZ color 28.8815, 29.1387, 29.3014 looks on a white background.

Color Contrast Check

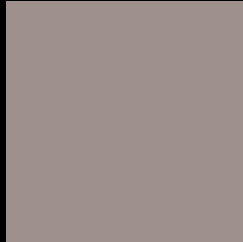
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.8815, 29.1387, 29.3014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

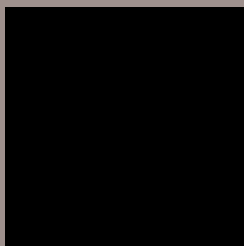
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.8815, 29.1387, 29.3014

Background



This preview shows how black text looks on a background with the XYZ color 28.8815, 29.1387, 29.3014.



This preview shows how white text looks on a background with the XYZ color 28.8815, 29.1387,

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

28.8815, 29.1387, 29.3014

Protanopia

27.9239, 29.0901, 29.7344

Deuteranopia

29.5850, 29.0556, 29.2483



Tritanopia

29.9200, 29.1195, 34.1807

Trichromacy



Original Color

28.8815, 29.1387, 29.3014

Protanomaly

28.3343, 29.0738, 29.7096

Deuteranomaly

29.3281, 29.1451, 29.2791

Tritanomaly

29.5454, 29.1858, 32.5100

Monochromacy



Original Color

28.8815, 29.1387, 29.3014

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 28.8815, 29.1387, 29.3014 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(158, 144, 141) looks like.

```
.text, #text, p{  
    color:rgb(158, 144, 141)  
}
```

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(158, 144, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 144, 141) }
```

Border

The CSS property to change the border of an element to XYZ 28.8815, 29.1387, 29.3014 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(158, 144, 141) }
```


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

```
.border{ border-color:rgb(158, 144, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 144, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 144, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 144, 141);  
box-shadow:4px 4px 4px 4px rgb(158, 144,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 28.8815, 29.1387, 29.3014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 144, 141) }
```

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

```
.background{ background-color: rgb(158,  
144, 141) }
```

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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