

Converting Colors

XYZ(28.6329, 29.0994, 29.2710)

Have a look what the booklet for
XYZ(28.6329, 29.0994, 29.2710)
contains.

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Color

**XYZ(28.4913, 28.9375,
29.2832)**

Conversions

Conversions Part 1

Format	Color
Hex	9C908D
RGB	156, 144, 141
RGB Percent	61%, 56%, 55%
CMY	0.3882, 0.4353, 0.4471
CMYK	0.00, 0.08, 0.10, 0.39
HSL	12°, 7%, 58%
HSV	12°, 10%, 61%
XYZ	28.4913, 28.9375, 29.2832
YIQ	147.2460, 8.1150, 1.6110

Conversions

Conversions Part 2

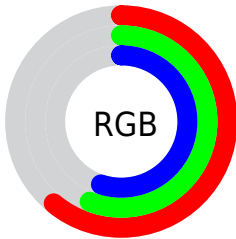
Format	Color
R _Y B	156, 145, 141
Decimal	10260621
CIE Lab	60.73, 3.91, 3.19
CIE LCh	61, 5.046, 39.210
Yxy	28.9375, 0.3286, 0.3337
Android (android.graphics.Color)	4288450701 (0xFF9C908D)
YUV	147.2460, -3.0793, 7.6773
Hunter-Lab	53.7936, 0.4022, 5.3803

Details

The XYZ color **28.4913, 28.9375, 29.2832** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.3765, 30.8451, 35.9110**, and the grayscale version is **27.8456, 29.2957, 31.9031**.

A 20% lighter version of the original color is **56.9084, 58.1772, 59.8597**, and **11.7167, 11.7640, 11.5507** is the 20% darker color. If you saturate the color by 10%, you get **25.6250, 24.9333, 22.9987**, and if you desaturate by 10%, it is **31.7316, 33.4275, 36.4998**.

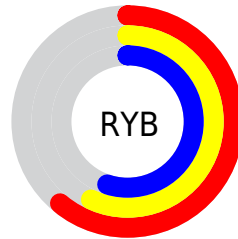
Distribution



Red (61%)

Green (56%)

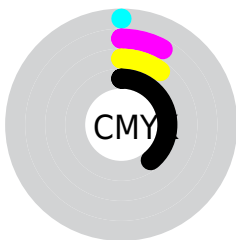
Blue (55%)



Red (61%)

Yellow (57%)

Blue (55%)

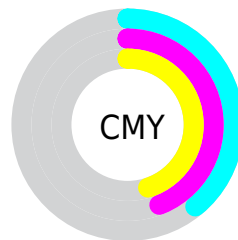


Cyan (0%)

Magenta (8%)

Yellow (10%)

Black (39%)



Cyan (39%)

Magenta (44%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.4913, 28.9375, 29.2832 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 28.4913, 28.9375, 29.2832 by changing the saturation by 10% instead.

■ 28.4913, 28.9375,
29.2832

■ 28.4913, 28.9375,
29.2832

286.8448,
296.9200, 312.6515

■ 18.8387, 19.0335,
19.0477

■ 56.6711, 57.9778,
59.5743

■ 11.6571, 11.6945,
11.5276

■ 75.9289, 77.8829,
80.4670

■ 6.5812, 6.5360,
6.3043

■ 99.1192, 101.8905,
105.7492

■ 3.2456, 3.1737,
2.9592

126.6073,
130.3850, 135.8394

■ 1.2849, 1.2231,
1.0738

158.7585,
163.7508, 171.1562

■ 0.1719, 0.0804,
0.0000

195.9383,

■ 0.0000, 0.0000,

202.3723, 212.1181

0.0000

238.5120,
246.6339, 259.1437

■ 28.4913, 28.9375,
29.2832

■ 28.4913, 28.9375,
29.2832

■ 25.6250, 24.9333,
22.9987

■ 31.7316, 33.4275,
36.4998

■ 23.1168, 21.3948,
17.6063

■ 35.3565, 38.4148,
44.6825

■ 20.9530, 18.3060,
13.0661

■ 39.3788, 43.9156,
53.8659

■ 19.1183, 15.6489,
9.3341

■ 43.8104, 49.9440,
64.0822

■ 17.5962, 13.4038,
6.3625

■ 48.6624, 56.5136,
75.3624

■ 16.3684, 11.5499,
4.0985

■ 53.9455, 63.6375,
87.7360

■ 15.4149, 10.0641,
2.4824

■ 59.6702, 71.3283,
101.2313

■ 14.7131, 8.9212,
1.4446

■ 64.0579, 78.8829,
106.4575

■ 14.2224, 8.0866,
0.8285

■ 67.5205, 85.8080,
107.6116

Harmonies

Analogous

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



28.7658, 28.9375, 30.9344



28.4913, 28.9375, 29.2832



27.9535, 28.9375, 28.2560

Triad

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



28.4913, 28.9375, 29.2832



26.3439, 28.9375, 30.2455



27.7062, 28.9375, 35.2028

Complementary

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



28.4913, 28.9375, 29.2832



28.3765, 30.8451, 35.9110

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.



27.0598, 28.9375, 35.0005



28.4913, 28.9375, 29.2832



26.2801, 28.9375, 32.0886

Square

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



28.4913, 28.9375, 29.2832



26.7160, 28.9375, 28.7960



26.5402, 28.9375, 33.8428



28.3078, 28.9375, 34.3852

Rectangle

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



28.4913, 28.9375, 29.2832



27.5216, 28.9375, 28.0385



26.5402, 28.9375, 33.8428



27.4869, 28.9375, 35.2525

Sweetspot

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



28.4921, 28.9388, 29.2838



55.5286, 57.8043, 61.5842



28.9854, 28.4181, 34.0949



12.1173, 12.5790, 13.3248



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.



28.4921, 28.9388, 29.2838



50.3191, 50.5689, 50.0328



29.6657, 31.2860, 29.6750



6.7353, 6.8505, 6.9530



11.7223, 6.6803, 0.6716



0.2352, 0.1706, 0.0205

Inverse Universe

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



28.3765, 30.8451, 35.9110



50.0563, 54.8982, 65.0849



27.1877, 28.4674, 35.5147



6.7090, 7.2838, 8.4590



10.9845, 14.0605, 28.0422



0.2227, 0.3041, 0.5102

Previews

White Background



This preview shows how the XYZ color 28.4913, 28.9375, 29.2832 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 28.4913, 28.9375, 29.2832 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 28.4913, 28.9375, 29.2832

Background



This preview shows how black text looks on a background with the XYZ color 28.4913, 28.9375, 29.2832.



This preview shows how white text looks on a background with the XYZ color 28.4913, 28.9375,

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

28.4913, 28.9375, 29.2832

Protanopia

27.7390, 28.9948, 29.7257

Deuteranopia

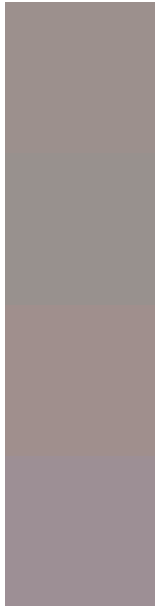
29.5850, 29.0556, 29.2483



Tritanopia

29.5233, 28.9150, 34.1621

Trichromacy



Original Color

28.4913, 28.9375, 29.2832

Protanomaly

27.9568, 28.8792, 29.6919

Deuteranomaly

29.1274, 29.0416, 29.2697

Tritanomaly

29.1519, 28.9829, 32.4916

Monochromacy



Original Color

28.4913, 28.9375, 29.2832

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.9674, 29.0861, 30.9282

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.4913, 28.9375, 29.2832 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(156, 144, 141)` looks like.

```
.text, #text, p{  
    color:rgb(156, 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(156, 144, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 144, 141) }
```

Border

The CSS property to change the border of an element to XYZ 28.4913, 28.9375, 29.2832 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(156, 144, 141) }
```


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

```
.border{ border-color:rgb(156, 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(156, 144, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 144, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 144, 141);  
box-shadow:4px 4px 4px 4px rgb(156, 144,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 28.4913, 28.9375, 29.2832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 144, 141) }
```

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

```
.background{ background-color: rgb(156,  
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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