

Converting Colors

XYZ(29.2040, 28.8749, 31.6809)

Have a look what the booklet for
XYZ(29.2040, 28.8749, 31.6809)
contains.

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Color

**XYZ(29.2375, 28.8235,
31.6263)**

Conversions

Conversions Part 1

Format	Color
Hex	9F8E93
RGB	159, 142, 147
RGB Percent	62%, 56%, 58%
CMY	0.3765, 0.4431, 0.4235
CMYK	0.00, 0.11, 0.08, 0.38
HSL	342°, 8%, 59%
HSV	342°, 11%, 62%
XYZ	29.2375, 28.8235, 31.6263
YIQ	147.6530, 8.5270, 5.1590

Conversions

Conversions Part 2

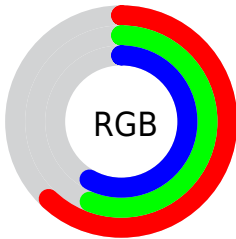
Format	Color
R _Y B	159, 142, 147
Decimal	10456723
CIE Lab	60.63, 7.24, -0.34
CIE LCh	61, 7.249, 357.317
Yxy	28.8235, 0.3260, 0.3214
Android (android.graphics.Color)	4288646803 (0xFF9F8E93)
YUV	147.6530, -0.3219, 9.9513
Hunter-Lab	53.6875, 3.2555, 2.6547

Details

The XYZ color **29.2375, 28.8235, 31.6263** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **29.3873, 32.8808, 35.3711**, and the grayscale version is **28.0033, 29.4617, 32.0838**.

A 20% lighter version of the original color is **58.0141, 57.9930, 63.3944**, and **12.1692, 11.7055, 12.9273** is the 20% darker color. If you saturate the color by 10%, you get **26.2003, 24.0905, 26.4781**, and if you desaturate by 10%, it is **32.6997, 34.2684, 37.3410**.

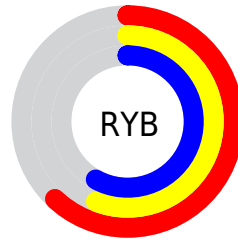
Distribution



Red (62%)

Green (56%)

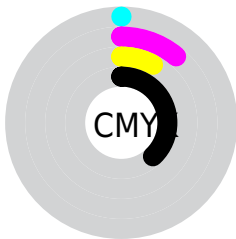
Blue (58%)



Red (62%)

Yellow (56%)

Blue (58%)

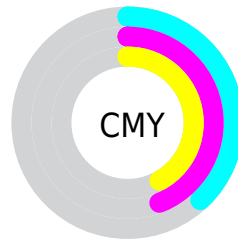


Cyan (0%)

Magenta (11%)

Yellow (8%)

Black (38%)



Cyan (38%)

Magenta (44%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.2375, 28.8235, 31.6263 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 29.2375, 28.8235, 31.6263 by changing the saturation by 10% instead.

■ 29.2375, 28.8235,
31.6263

■ 29.2375, 28.8235,
31.6263

290.3079,
296.3813, 323.8535

■ 19.4057, 18.9473,
20.8138

■ 57.8492, 57.7965,
63.3159

■ 12.0696, 11.6322,
12.7980

■ 77.3598, 77.6622,
85.0300

■ 6.8636, 6.4938,
7.1605

■ 100.8274,
101.6265, 111.2151

■ 3.4225, 3.1476,
3.4827

128.6174,
130.0738, 142.2896

■ 1.3809, 1.2093,
1.3461

161.0951,
163.3886, 178.6722

■ 0.2426, 0.0693,
0.0991

198.6258,

■ 0.0000, 0.0000,

201.9551, 220.7813

0.0000

241.5750,
246.1579, 269.0356

■ 29.2375, 28.8235,
31.6263

■ 29.2375, 28.8235,
31.6263

■ 26.2003, 24.0905,
26.4781

■ 32.6997, 34.2684,
37.3410

■ 23.5691, 20.0361,
21.8769

■ 36.6003, 40.4490,
43.6372

■ 21.3269, 16.6301,
17.8048

■ 40.9550, 47.3928,
50.5316

■ 19.4546, 13.8386,
14.2421

■ 45.7779, 55.1247,
58.0398

■ 17.9312, 11.6244,
11.1679

■ 51.0827, 63.6684,
66.1765

■ 16.7340, 9.9465,
8.5595

■ 56.8823, 73.0468,
74.9563

■ 15.8368, 8.7581,
6.3927

■ 63.1892, 83.2817,
84.3929

■ 15.2097, 8.0045,
4.6403

■ 65.3155, 84.9939,
92.9332

■ 14.8062, 7.5742,
3.3443

■ 67.0059, 85.6701,
101.8347

Harmonies

Analogous

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



28.9423, 28.8235, 34.2569



29.2375, 28.8235, 31.6263



29.0300, 28.8235, 29.0723

Triad

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



29.2375, 28.8235, 31.6263



26.5764, 28.8235, 27.0141



26.4333, 28.8235, 35.9359

Complementary

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



29.2375, 28.8235, 31.6263



29.3873, 32.8808, 35.3711

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.



25.8243, 28.8235, 33.8149



29.2375, 28.8235, 31.6263



25.9055, 28.8235, 28.6762

Square

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



29.2375, 28.8235, 31.6263



27.4804, 28.8235, 26.5012



25.6332, 28.8235, 31.1427



27.3115, 28.8235, 36.8322

Rectangle

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



29.2375, 28.8235, 31.6263



28.6370, 28.8235, 27.7374



25.6332, 28.8235, 31.1427



26.1911, 28.8235, 35.3367

Sweetspot

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



29.2383, 28.8248, 31.6269



57.0243, 58.9457, 64.3582



29.2393, 28.7108, 36.8018



12.7439, 13.1125, 14.3253



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.



29.2383, 28.8248, 31.6269



50.9003, 49.3349, 54.1871



29.3681, 29.6984, 29.7772



6.7093, 6.6766, 7.3203



11.7107, 5.9889, 2.7278



0.2266, 0.1140, 0.1392

Inverse Universe

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



29.2383, 28.8248, 31.6269



50.9003, 49.3349, 54.1871



29.2357, 31.8977, 37.4171



6.7093, 6.6766, 7.3203



11.7107, 5.9889, 2.7278



0.2266, 0.1140, 0.1392

Previews

White Background



This preview shows how the XYZ color 29.2375, 28.8235, 31.6263 looks on a white background.

Color Contrast Check

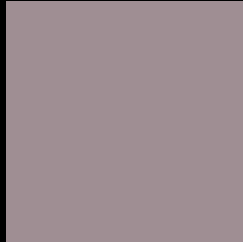
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.2375, 28.8235, 31.6263 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 29.2375, 28.8235, 31.6263

Background



This preview shows how black text looks on a background with the XYZ color 29.2375, 28.8235, 31.6263.



This preview shows how white text looks on a background with the XYZ color 29.2375, 28.8235,

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

29.2375, 28.8235, 31.6263

Protanopia

27.9164, 29.0236, 32.5645

Deuteranopia

29.4367, 28.9262, 31.6356



Tritanopia

29.6896, 28.7903, 33.6980

Trichromacy



Original Color

29.2375, 28.8235, 31.6263

Protanomaly

28.4196, 29.0643, 32.1291

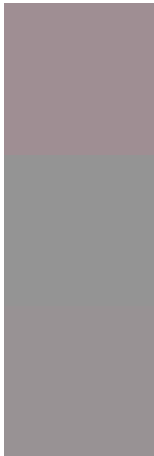
Deuteranomaly

29.4367, 28.9262, 31.6356

Tritanomaly

29.5271, 28.7253, 32.8425

Monochromacy



Original Color

29.2375, 28.8235, 31.6263

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.5731, 29.3713, 32.1802

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2375, 28.8235, 31.6263 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, 142, 147)` looks like.

```
.text, #text, p{  
    color:rgb(159, 142, 147)  
}
```

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, 142, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 142, 147) }
```

Border

The CSS property to change the border of an element to XYZ 29.2375, 28.8235, 31.6263 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, 142, 147) }
```


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

```
.border{ border-color:rgb(159, 142, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 142, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 142, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 142, 147);  
box-shadow:4px 4px 4px 4px rgb(159, 142,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2375, 28.8235, 31.6263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 142, 147) }
```

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

```
.background{ background-color: rgb(159,  
142, 147) }
```

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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