

Converting Colors

XYZ(28.6541, 28.4054, 32.4046)

Have a look what the booklet for
XYZ(28.6541, 28.4054, 32.4046)
contains.

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Color

**XYZ(28.8081, 28.5838,
32.4327)**

Conversions

Conversions Part 1

Format	Color
Hex	9C8E95
RGB	156, 142, 149
RGB Percent	61%, 56%, 58%
CMY	0.3882, 0.4431, 0.4157
CMYK	0.00, 0.09, 0.04, 0.39
HSL	330°, 7%, 58%
HSV	330°, 9%, 61%
XYZ	28.8081, 28.5838, 32.4327
YIQ	146.9840, 6.0970, 5.1450

Conversions

Conversions Part 2

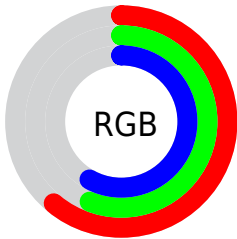
Format	Color
R _Y B	156, 142, 149
Decimal	10260117
CIE Lab	60.41, 6.50, -1.82
CIE LCh	60, 6.749, 344.331
Yxy	28.5838, 0.3207, 0.3182
Android (android.graphics.Color)	4288450197 (0xFF9C8E95)
YUV	146.9840, 0.9939, 7.9070
Hunter-Lab	53.4638, 2.6201, 1.4576

Details

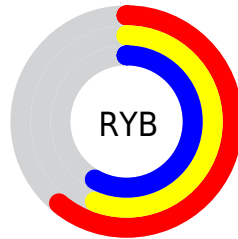
The XYZ color **28.8081, 28.5838, 32.4327** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.4696, 31.6984, 33.0531**, and the grayscale version is **27.7214, 29.1651, 31.7608**.

A 20% lighter version of the original color is **57.3834, 57.6405, 64.6012**, and **11.8574, 11.5394, 13.1576** is the 20% darker color. If you saturate the color by 10%, you get **26.0456, 24.0222, 28.5413**, and if you desaturate by 10%, it is **31.9388, 33.8143, 36.6534**.

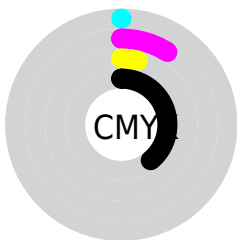
Distribution



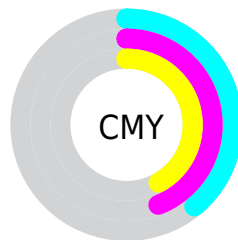
- Red (61%)
- Green (56%)
- Blue (58%)



- Red (61%)
- Yellow (56%)
- Blue (58%)



- Cyan (0%)
- Magenta (9%)
- Yellow (4%)
- Black (39%)



- Cyan (39%)
- Magenta (44%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.8081, 28.5838, 32.4327 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 28.8081, 28.5838, 32.4327 by changing the saturation by 10% instead.

■ 28.8081, 28.5838,
32.4327

■ 28.8081, 28.5838,
32.4327

288.3190,
295.2461, 327.6389

■ 19.0793, 18.7662,
21.4247

■ 57.1717, 57.4152,
64.5946

■ 11.8319, 11.5015,
13.2405

■ 76.5372, 77.1977,
86.5855

■ 6.7007, 6.4052,
7.4617

■ 99.8456, 101.0707,
113.0745

■ 3.3203, 3.0930,
3.6697

127.4623,
129.4185, 144.4800

■ 1.3253, 1.1805,
1.4459

159.7527,
162.6256, 181.2207

■ 0.2020, 0.0457,
0.1772

197.0820,

■ 0.0000, 0.0000,

201.0763, 223.7151

0.0000

239.8156,
245.1550, 272.3816

■ 28.8081, 28.5838,
32.4327

■ 28.8081, 28.5838,
32.4327

■ 26.0456, 24.0222,
28.5413

■ 31.9388, 33.8143,
36.6534

■ 23.6347, 20.0985,
24.9687

■ 35.4487, 39.7356,
41.2099

■ 21.5610, 16.7851,
21.7061

■ 39.3513, 46.3730,
46.1108

■ 19.8081, 14.0506,
18.7441

■ 43.6587, 53.7497,
51.3639

■ 18.3582, 11.8608,
16.0721

■ 48.3827, 61.8877,
56.9767

■ 17.1919, 10.1782,
13.6792

■ 53.5341, 70.8080,
62.9563

■ 16.2869, 8.9600,
11.5532

■ 59.1239, 80.5310,
69.3098

■ 15.6177, 8.1567,
9.6807

■ 61.2800, 83.3118,
74.7498

■ 15.1315, 7.6643,
8.0389

■ 62.2847, 83.7137,
80.0404

Harmonies

Analogous

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



28.3520, 28.5838, 34.6713



28.8081, 28.5838, 32.4327



28.8186, 28.5838, 29.9539

Triad

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



28.8081, 28.5838, 32.4327



26.7567, 28.5838, 26.7147



25.9908, 28.5838, 34.5866

Complementary

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



28.8081, 28.5838, 32.4327



28.4696, 31.6984, 33.0531

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.



25.5818, 28.5838, 32.3220



28.8081, 28.5838, 32.4327



26.0175, 28.5838, 27.8252

Square

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



28.8081, 28.5838, 32.4327



27.6216, 28.5838, 26.7408



25.5914, 28.5838, 29.8488



26.7195, 28.5838, 35.9593

Rectangle

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



28.8081, 28.5838, 32.4327



28.5707, 28.5838, 28.5024



25.5914, 28.5838, 29.8488



25.8120, 28.5838, 33.8993

Sweetspot

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



28.8089, 28.5850, 32.4333



55.6040, 57.3849, 63.3668



28.0692, 28.1372, 35.4045



12.1380, 12.4645, 13.8125



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.



28.8089, 28.5850, 32.4333



51.1407, 49.9537, 57.2691



28.2668, 28.3682, 29.5784



6.7644, 6.6987, 7.6105



12.4429, 6.2817, 6.5835



0.2438, 0.1209, 0.2301

Inverse Universe

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



28.8089, 28.5850, 32.4333



51.1407, 49.9537, 57.2691



29.0454, 31.9287, 36.0849



6.7644, 6.6987, 7.6105



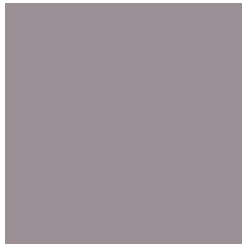
12.4429, 6.2817, 6.5835



0.2438, 0.1209, 0.2301

Previews

White Background



This preview shows how the XYZ color 28.8081, 28.5838, 32.4327 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 28.8081, 28.5838, 32.4327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

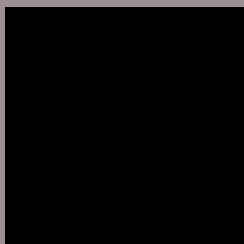
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

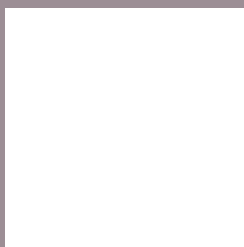
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.8081, 28.5838, 32.4327

Background



This preview shows how black text looks on a background with the XYZ color 28.8081, 28.5838, 32.4327.



This preview shows how white text looks on a background with the XYZ color 28.8081, 28.5838,

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

28.8081, 28.5838, 32.4327

Protanopia

27.7439, 28.6882, 33.3533

Deuteranopia

29.0502, 28.4888, 32.4015



Tritanopia

29.1793, 28.5178, 34.1036

Trichromacy



Original Color

28.8081, 28.5838, 32.4327

Protanomaly

28.0560, 28.6326, 32.9021

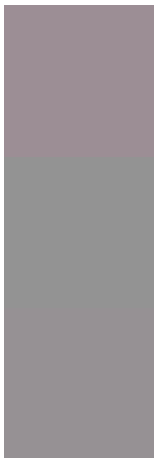
Deuteranomaly

28.8543, 28.3878, 32.3924

Tritanomaly

29.0970, 28.4848, 33.6703

Monochromacy



Original Color

28.8081, 28.5838, 32.4327

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

28.0484, 28.8729, 32.1117

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.8081, 28.5838, 32.4327 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, 142, 149)` looks like.

```
.text, #text, p{  
    color:rgb(156, 142, 149)  
}
```

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, 142, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 142, 149) }
```

Border

The CSS property to change the border of an element to XYZ 28.8081, 28.5838, 32.4327 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, 142, 149) }
```


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

```
.border{ border-color:rgb(156, 142, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 142, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 142, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 142, 149);  
box-shadow:4px 4px 4px 4px rgb(156, 142,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 28.8081, 28.5838, 32.4327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 142, 149) }
```

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

```
.background{ background-color: rgb(156,  
142, 149) }
```

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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