

Converting Colors

XYZ(28.6944, 26.3231, 36.1884)

Have a look what the booklet for
XYZ(28.6944, 26.3231, 36.1884)
contains.

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Color

**XYZ(28.8073, 26.3767,
36.3738)**

Conversions

Conversions Part 1

Format	Color
Hex	9F849F
RGB	159, 132, 159
RGB Percent	62%, 52%, 62%
CMY	0.3765, 0.4823, 0.3765
CMYK	0.00, 0.17, 0.00, 0.38
HSL	300°, 12%, 57%
HSV	300°, 17%, 62%
XYZ	28.8073, 26.3767, 36.3738
YIQ	143.1510, 7.4250, 14.1210

Conversions

Conversions Part 2

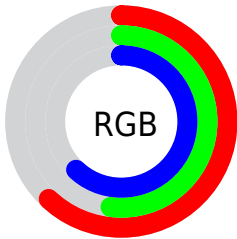
Format	Color
R_{YB}	159, 132, 159
Decimal	10454175
CIE _{Lab}	58.39, 15.20, -10.51
CIE _{LCh}	58, 18.480, 325.340
Yxy	26.3767, 0.3146, 0.2881
Android (android.graphics.Color)	4288644255 (0xFF9F849F)
YUV	143.1510, 7.8136, 13.8996
Hunter-Lab	51.3583, 10.2453, -6.0406

Details

The XYZ color **28.8073, 26.3767, 36.3738** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **26.0798, 31.3685, 26.5114**, and the grayscale version is **26.1371, 27.4982, 29.9456**.

A 20% lighter version of the original color is **57.2181, 53.8491, 70.9965**, and **11.7875, 10.2431, 15.5432** is the 20% darker color. If you saturate the color by 10%, you get **26.8136, 22.3890, 35.7096**, and if you desaturate by 10%, it is **31.1312, 31.0240, 37.1487**.

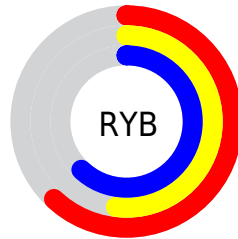
Distribution



Red (62%)

Green (52%)

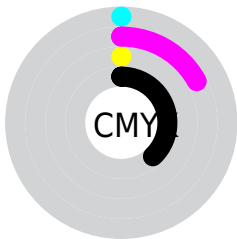
Blue (62%)



Red (62%)

Yellow (52%)

Blue (62%)

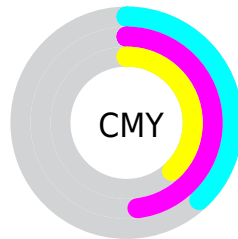


Cyan (0%)

Magenta (17%)

Yellow (0%)

Black (38%)



Cyan (38%)

Magenta (48%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.8073, 26.3767, 36.3738 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 28.8073, 26.3767, 36.3738 by changing the saturation by 10% instead.

■ 28.8073, 26.3767,
36.3738

■ 28.8073, 26.3767,
36.3738

288.3153,
284.6264, 345.6781

■ 19.0786, 17.1057,
24.4310

■ 57.1705, 53.8820,
70.7842

■ 11.8315, 10.3099,
15.4385

■ 76.5357, 72.8851,
94.0888

■ 6.7004, 5.6049,
8.9777

■ 99.8438, 95.9010,
122.0179

■ 3.3201, 2.6063,
4.6300

127.4602,
123.3141, 154.9899

■ 1.3252, 0.9299,
1.9770

159.7501,
155.5088, 193.4234

■ 0.2020, 0.0000,
0.5411

197.0791,

■ 0.0000, 0.0000,

192.8695, 237.7369

0.0000

239.8124,
235.7806, 288.3490

■ 28.8073, 26.3767,
36.3738

■ 28.8073, 26.3767,
36.3738

■ 26.8136, 22.3890,
35.7096

■ 31.1312, 31.0240,
37.1487

■ 25.1330, 19.0277,
35.1493

■ 33.7968, 36.3551,
38.0372

■ 23.7501, 16.2621,
34.6884

■ 36.8180, 42.3975,
39.0443

■ 22.6478, 14.0574,
34.3210

■ 40.2072, 49.1759,
40.1740

■ 21.8067, 12.3753,
34.0406

■ 43.9762, 56.7139,
41.4304

■ 21.2054, 11.1727,
33.8402

■ 48.1363, 65.0341,
42.8171

■ 20.8188, 10.3996,
33.7113

■ 52.6983, 74.1580,
44.3377

■ 20.6082, 9.9784,
33.6411

■ 56.3165, 81.3944,
45.5438

■ 20.5560, 9.8741,
33.6238

■ 56.3166, 81.3944,
45.5438

Harmonies

Analogous

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



26.9715, 26.3767, 41.4635



28.8073, 26.3767, 36.3738



29.6434, 26.3767, 29.7401

Triad

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



28.8073, 26.3767, 36.3738



25.4241, 26.3767, 18.0387



21.3533, 26.3767, 34.3671

Complementary

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



28.8073, 26.3767, 36.3738



26.0798, 31.3685, 26.5114

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.



20.9934, 26.3767, 27.7230



28.8073, 26.3767, 36.3738



23.2605, 26.3767, 18.8979

Square

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



28.8073, 26.3767, 36.3738



27.6170, 26.3767, 19.6711



21.6713, 26.3767, 22.2226



22.6851, 26.3767, 40.1886

Rectangle

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



28.8073, 26.3767, 36.3738



29.4870, 26.3767, 25.5593



21.6713, 26.3767, 22.2226



21.1182, 26.3767, 32.1306

Sweetspot

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



28.8081, 26.3778, 36.3744



56.6042, 57.2640, 66.8131



24.0874, 24.0350, 36.1710



12.6933, 12.7741, 15.0403



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.



28.8081, 26.3778, 36.3744



50.3125, 44.6806, 64.7159



27.7347, 25.9485, 30.7215



6.9042, 6.7546, 8.3466



16.2356, 7.7988, 26.5568



0.2903, 0.1394, 0.4748

Inverse Universe

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



26.7152, 25.5407, 25.3531



45.9185, 42.9230, 41.5769



27.0295, 31.7484, 31.5127



6.6331, 6.6462, 6.9189



11.2931, 5.8218, 0.5285



0.2019, 0.1041, 0.0095

Previews

White Background



This preview shows how the XYZ color 28.8073, 26.3767, 36.3738 looks on a white background.

Color Contrast Check

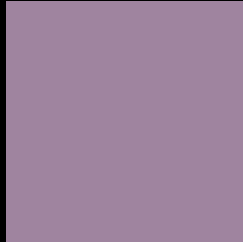
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.8073, 26.3767, 36.3738 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

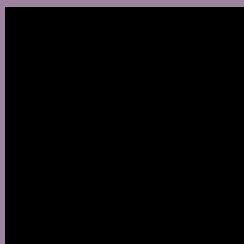
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.8073, 26.3767, 36.3738

Background



This preview shows how black text looks on a background with the XYZ color 28.8073, 26.3767, 36.3738.



This preview shows how white text looks on a background with the XYZ color 28.8073, 26.3767,

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

28.8073, 26.3767, 36.3738

Protanopia

26.0868, 26.3798, 38.8388

Deuteranopia

26.9713, 26.4709, 36.0356



Tritanopia

27.5406, 26.2626, 30.4057

Trichromacy



Original Color

28.8073, 26.3767, 36.3738

Protanomaly

26.8273, 26.1462, 37.8152

Deuteranomaly

27.5980, 26.3759, 35.9842

Tritanomaly

27.9931, 26.2462, 32.4448

Monochromacy



Original Color

28.8073, 26.3767, 36.3738

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

27.0519, 27.0247, 32.2243

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.8073, 26.3767, 36.3738 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, 132, 159)` looks like.

```
.text, #text, p{  
    color:rgb(159, 132, 159)  
}
```

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, 132, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 132, 159) }
```

Border

The CSS property to change the border of an element to XYZ 28.8073, 26.3767, 36.3738 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, 132, 159) }
```


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

```
.border{ border-color:rgb(159, 132, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 132, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 132, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 132, 159);  
box-shadow:4px 4px 4px 4px rgb(159, 132,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 28.8073, 26.3767, 36.3738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 132, 159) }
```

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

```
.background{ background-color: rgb(159,  
132, 159) }
```

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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