

Converting Colors

XYZ(32.2669, 28.5853, 36.0493)

Have a look what the booklet for
XYZ(32.2669, 28.5853, 36.0493)
contains.

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Color

**XYZ(32.3758, 28.6328,
36.1680)**

Conversions

Conversions Part 1

Format	Color
Hex	AF869E
RGB	175, 134, 158
RGB Percent	69%, 53%, 62%
CMY	0.3137, 0.4745, 0.3804
CMYK	0.00, 0.23, 0.10, 0.31
HSL	325°, 20%, 61%
HSV	325°, 23%, 69%
XYZ	32.3758, 28.6328, 36.1680
YIQ	148.9950, 16.7320, 16.1560

Conversions

Conversions Part 2

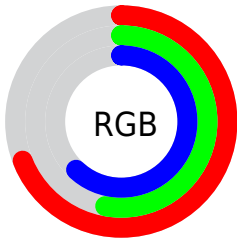
Format	Color
RYB	175, 134, 158
Decimal	11503262
CIELab	60.46, 19.64, -6.69
CIELCh	60, 20.748, 341.188
Yxy	28.6328, 0.3332, 0.2946
Android (android.graphics.Color)	4289693342 (0xFFAF869E)
YUV	148.9950, 4.4395, 22.8064
Hunter-Lab	53.5096, 14.3589, -2.6183

Details

The XYZ color **32.3758, 28.6328, 36.1680** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **30.7485, 37.9633, 34.9869**, and the grayscale version is **28.5427, 30.0291, 32.7017**.

A 20% lighter version of the original color is **62.7356, 57.3337, 70.7108**, and **13.8502, 11.5398, 15.4073** is the 20% darker color. If you saturate the color by 10%, you get **29.5481, 23.9475, 32.2343**, and if you desaturate by 10%, it is **35.6423, 34.1360, 40.4307**.

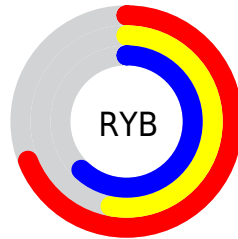
Distribution



Red (69%)

Green (53%)

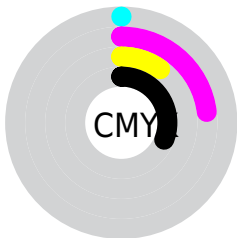
Blue (62%)



Red (69%)

Yellow (53%)

Blue (62%)

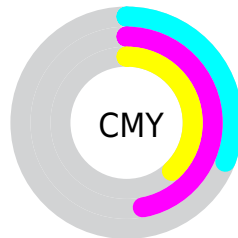


Cyan (0%)

Magenta (23%)

Yellow (10%)

Black (31%)



Cyan (31%)


Magenta (47%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.3758, 28.6328, 36.1680 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 32.3758, 28.6328, 36.1680 by changing the saturation by 10% instead.


 32.3758, 28.6328,
36.1680


 32.3758, 28.6328,
36.1680


304.5426,
295.4784, 344.7538

 21.8056, 18.8032,
24.2733


 62.7610, 57.4932,
70.4633

 13.8300, 11.5282,
15.3224


 83.3067, 77.2927,
93.7008

 8.0834, 6.4233,
8.8968


 107.9084,
101.1844, 121.5565

 4.2006, 3.1041,
4.5780

136.9313,
129.5526, 154.4486

 1.8162, 1.1863,
1.9475

170.7408,
162.7817, 192.7959

 0.5274, 0.0505,
0.5227

209.7023,

 0.0000, 0.0000,

201.2561, 237.0169

0.0000

254.1811,
245.3602, 287.5300

■ 32.3758, 28.6328,
36.1680

■ 32.3758, 28.6328,
36.1680

■ 29.5481, 23.9475,
32.2343

■ 35.6423, 34.1360,
40.4307

■ 27.1365, 20.0365,
28.6178

■ 39.3640, 40.4900,
45.0298

■ 25.1197, 16.8582,
25.3086

■ 43.5596, 47.7308,
49.9748

■ 23.4737, 14.3656,
22.2955

■ 48.2459, 55.8910,
55.2744

■ 22.1715, 12.5058,
19.5660

■ 53.4388, 65.0016,
60.9365

■ 21.1823, 11.2184,
17.1063

■ 59.1536, 75.0923,
66.9691

■ 20.4694, 10.4309,
14.9008

■ 64.9229, 85.2274,
73.2190

■ 20.0991, 10.0820,
13.5701

■ 65.8410, 85.5947,
78.0538

■ 66.8006, 85.9785,
83.1068

Harmonies

Analogous

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



30.7418, 28.6328, 43.6182



32.3758, 28.6328, 36.1680



32.5748, 28.6328, 28.4062

Triad

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



32.3758, 28.6328, 36.1680



26.2294, 28.6328, 18.8503



23.5269, 28.6328, 41.9099

Complementary

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



32.3758, 28.6328, 36.1680



30.7485, 37.9633, 34.9869

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.



22.4773, 28.6328, 34.1207



32.3758, 28.6328, 36.1680



23.9681, 28.6328, 21.3586

Square

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



32.3758, 28.6328, 36.1680



28.9059, 28.6328, 19.2148



22.6333, 28.6328, 26.6663



25.5906, 28.6328, 47.2897

Rectangle

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



32.3758, 28.6328, 36.1680



31.8528, 28.6328, 24.1575



22.6333, 28.6328, 26.6663



23.0501, 28.6328, 39.4376

Sweetspot

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



32.3766, 28.6341, 36.1686



67.9392, 68.1294, 77.5316



28.9156, 26.6689, 44.1813



15.0134, 14.9940, 17.1254



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



32.3766, 28.6341, 36.1686



55.3274, 46.8591, 61.1403



30.8000, 28.0034, 27.8661



8.1944, 8.0910, 9.3347



14.4247, 7.2324, 9.8820



0.4277, 0.2118, 0.4139

Inverse Universe

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



32.3766, 28.6341, 36.1686



55.3274, 46.8591, 61.1403



32.5035, 38.6653, 44.2286



8.1944, 8.0910, 9.3347



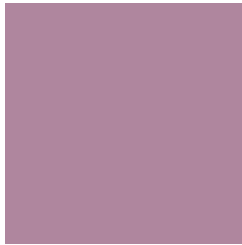
14.4247, 7.2324, 9.8820



0.4277, 0.2118, 0.4139

Previews

White Background



This preview shows how the XYZ color 32.3758, 28.6328, 36.1680 looks on a white background.

Color Contrast Check

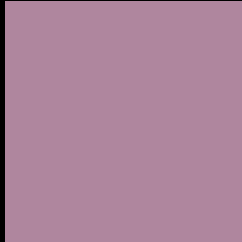
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.3758, 28.6328, 36.1680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

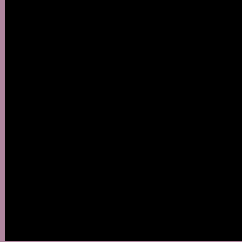
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.3758, 28.6328, 36.1680

Background



This preview shows how black text looks on a background with the XYZ color 32.3758, 28.6328, 36.1680.



This preview shows how white text looks on a background with the XYZ color 32.3758, 28.6328,

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

32.3758, 28.6328, 36.1680

Protanopia

28.2446, 28.8071, 39.6690

Deuteranopia

29.2764, 28.7489, 35.9043



Tritanopia

31.5262, 28.7136, 31.4844

Trichromacy



Original Color

32.3758, 28.6328, 36.1680

Protanomaly

29.5640, 28.6270, 38.1498

Deuteranomaly

30.2187, 28.5809, 35.8223

Tritanomaly

31.7054, 28.5610, 33.1199

Monochromacy



Original Color

32.3758, 28.6328, 36.1680

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

29.7413, 29.4826, 33.8289

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.3758, 28.6328, 36.1680 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(175, 134, 158)` looks like.

```
.text, #text, p{  
    color:rgb(175, 134, 158)  
}
```

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(175, 134, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 134, 158) }
```

Border

The CSS property to change the border of an element to XYZ 32.3758, 28.6328, 36.1680 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(175, 134, 158) }
```


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

```
.border{ border-color:rgb(175, 134, 158) }
```

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

Here you see how a box with a 4 pixel rgb(175, 134, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 134, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 134, 158);  
box-shadow:4px 4px 4px 4px rgb(175, 134,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 32.3758, 28.6328, 36.1680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 134, 158) }
```

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

```
.background{ background-color: rgb(175,  
134, 158) }
```

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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