

Converting Colors

XYZ(30.3709, 28.3707, 36.2683)

Have a look what the booklet for
XYZ(30.3709, 28.3707, 36.2683)
contains.

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Color

**XYZ(30.3643, 28.4321,
36.2353)**

Conversions

Conversions Part 1

Format	Color
Hex	A38A9E
RGB	163, 138, 158
RGB Percent	64%, 54%, 62%
CMY	0.3608, 0.4588, 0.3804
CMYK	0.00, 0.15, 0.03, 0.36
HSL	312°, 12%, 59%
HSV	312°, 15%, 64%
XYZ	30.3643, 28.4321, 36.2353
YIQ	147.7550, 8.4800, 11.5200

Conversions

Conversions Part 2

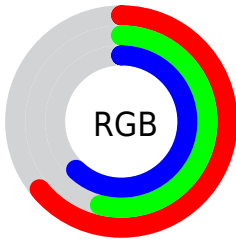
Format	Color
R_{YB}	163, 138, 158
Decimal	10717854
CIE _{Lab}	60.28, 13.02, -7.08
CIE _{LCh}	60, 14.826, 331.455
Yxy	28.4321, 0.3195, 0.2992
Android (android.graphics.Color)	4288907934 (0xFFA38A9E)
YUV	147.7550, 5.0508, 13.3699
Hunter-Lab	53.3218, 8.3345, -2.9658

Details

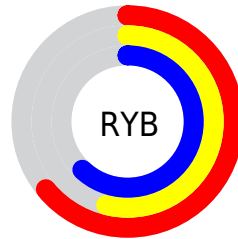
The XYZ color **30.3643, 28.4321, 36.2353** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.5375, 33.5817, 30.9660**, and the grayscale version is **28.0241, 29.4836, 32.1076**.

A 20% lighter version of the original color is **59.7733, 57.4088, 70.8814**, and **12.6991, 11.4205, 15.4450** is the 20% darker color. If you saturate the color by 10%, you get **27.9223, 23.9909, 34.0552**, and if you desaturate by 10%, it is **33.1664, 33.5807, 38.5729**.

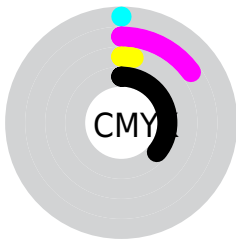
Distribution



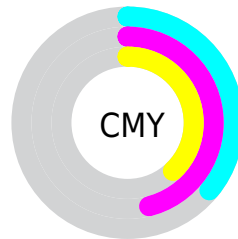
- Red (64%)
- Green (54%)
- Blue (62%)



- Red (64%)
- Yellow (54%)
- Blue (62%)



- Cyan (0%)
- Magenta (15%)
- Yellow (3%)
- Black (36%)



- Cyan (36%)
- Magenta (46%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.3643, 28.4321, 36.2353 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 30.3643, 28.4321, 36.2353 by changing the saturation by 10% instead.

■ 30.3643, 28.4321,
36.2353

■ 30.3643, 28.4321,
36.2353

295.4783,
294.5259, 345.0563

■ 20.2647, 18.6516,
24.3248

■ 59.6205, 57.1736,
70.5682

■ 12.6970, 11.4188,
15.3603

■ 79.5078, 76.9034,
93.8278

■ 7.2958, 6.3493,
8.9232

■ 103.3884,
100.7184, 121.7074

■ 3.6957, 3.0586,
4.5950

131.6277,
129.0031, 154.6257

■ 1.5315, 1.1624,
1.9571

164.5910,
162.1418, 193.0012

■ 0.3471, 0.0307,
0.5287

202.6436,

■ 0.0000, 0.0000,

200.5189, 237.2525

0.0000

246.1509,
244.5188, 287.7980

■ 30.3643, 28.4321,
36.2353

■ 30.3643, 28.4321,
36.2353

■ 27.9223, 23.9909,
34.0552

■ 33.1664, 33.5807,
38.5729

■ 25.8222, 20.2222,
32.0252

■ 36.3408, 39.4623,
41.0712

■ 24.0482, 17.0937,
30.1400

■ 39.9021, 46.1057,
43.7358

■ 22.5818, 14.5690,
28.3933

■ 43.8635, 53.5370,
46.5714

■ 21.4030, 12.6080,
26.7781

■ 48.2374, 61.7811,
49.5823

■ 20.4893, 11.1656,
25.2865

■ 53.0358, 70.8619,
52.7728

■ 19.8148, 10.1902,
23.9097

■ 58.2702, 80.8021,
56.1469

■ 19.3462, 9.6154,
22.6362

■ 59.5251, 82.7709,
58.2332

■ 19.1604, 9.4090,
22.0649

■ 59.8712, 82.9093,
60.0555

Harmonies

Analogous

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



28.9769, 28.4321, 40.7759



30.3643, 28.4321, 36.2353



30.8459, 28.4321, 30.6926

Triad

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



30.3643, 28.4321, 36.2353



26.9311, 28.4321, 21.6261



24.0236, 28.4321, 36.7492

Complementary

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



30.3643, 28.4321, 36.2353



28.5375, 33.5817, 30.9660

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.



23.5314, 28.4321, 31.2244



30.3643, 28.4321, 36.2353



25.1606, 28.4321, 22.8574

Square

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



30.3643, 28.4321, 36.2353



28.8087, 28.4321, 22.6409



23.9379, 28.4321, 26.2192



25.3143, 28.4321, 41.0963

Rectangle

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



30.3643, 28.4321, 36.2353



30.5713, 28.4321, 27.2837



23.9379, 28.4321, 26.2192



23.7621, 28.4321, 34.9476

Sweetspot

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



30.3651, 28.4333, 36.2359



59.5277, 60.3798, 69.1853



27.0282, 26.6624, 38.3727



13.2894, 13.4129, 15.4737



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



30.3651, 28.4333, 36.2359



53.0030, 48.4058, 63.6949



29.3432, 28.0246, 30.8546



7.3033, 7.1778, 8.5837



14.9073, 7.3190, 17.2341



0.3278, 0.1596, 0.4390

Inverse Universe

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



30.3651, 28.4333, 36.2359



53.0030, 48.4058, 63.6949



29.5379, 33.9818, 36.2341



7.3033, 7.1778, 8.5837



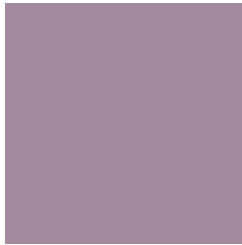
14.9073, 7.3190, 17.2341



0.3278, 0.1596, 0.4390

Previews

White Background



This preview shows how the XYZ color 30.3643, 28.4321, 36.2353 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 30.3643, 28.4321, 36.2353 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 30.3643, 28.4321, 36.2353

Background



This preview shows how black text looks on a background with the XYZ color 30.3643, 28.4321, 36.2353.



This preview shows how white text looks on a background with the XYZ color 30.3643, 28.4321,

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

30.3643, 28.4321, 36.2353

Protanopia

27.8225, 28.3948, 38.1968

Deuteranopia

28.9371, 28.3541, 35.8460



Tritanopia

29.6379, 28.3486, 32.7639

Trichromacy



Original Color

30.3643, 28.4321, 36.2353

Protanomaly

28.6837, 28.4032, 37.6888

Deuteranomaly

29.3685, 28.3586, 35.8242

Tritanomaly

29.8827, 28.4465, 34.0527

Monochromacy



Original Color

30.3643, 28.4321, 36.2353

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.7776, 28.9858, 33.7838

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3643, 28.4321, 36.2353 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(163, 138, 158)` looks like.

```
.text, #text, p{  
    color:rgb(163, 138, 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(163, 138, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 138, 158) }
```

Border

The CSS property to change the border of an element to XYZ 30.3643, 28.4321, 36.2353 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(163, 138, 158) }
```


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

```
.border{ border-color:rgb(163, 138, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 138, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 138, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 138, 158);  
box-shadow:4px 4px 4px 4px rgb(163, 138,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3643, 28.4321, 36.2353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 138, 158) }
```

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

```
.background{ background-color: rgb(163,  
138, 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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