

Converting Colors

XYZ(30.1425, 29.0280, 32.7139)

Have a look what the booklet for
XYZ(30.1425, 29.0280, 32.7139)
contains.

XYZ(30.1342, 29.0383, 32.8709)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(30.1342, 29.0383,
32.8709)**

Conversions

Conversions Part 1

Format	Color
Hex	A38D96
RGB	163, 141, 150
RGB Percent	64%, 55%, 59%
CMY	0.3608, 0.4470, 0.4118
CMYK	0.00, 0.13, 0.08, 0.36
HSL	335°, 11%, 60%
HSV	335°, 13%, 64%
XYZ	30.1342, 29.0383, 32.8709
YIQ	148.6040, 10.2230, 7.4630

Conversions

Conversions Part 2

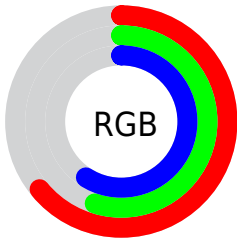
Format	Color
R_{YB}	163, 141, 150
Decimal	10718614
CIE Lab	60.82, 9.84, -1.73
CIE LCh	61, 9.989, 350.043
Yxy	29.0383, 0.3274, 0.3155
Android (android.graphics.Color)	4288908694 (0xFFA38D96)
YUV	148.6040, 0.6882, 12.6253
Hunter-Lab	53.8872, 5.5162, 1.5545

Details

The XYZ color **30.1342, 29.0383, 32.8709** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.9156, 34.1910, 35.5964**, and the grayscale version is **28.3957, 29.8745, 32.5333**.

A 20% lighter version of the original color is **59.3276, 58.2953, 65.2520**, and **12.5488, 11.7625, 13.4134** is the 20% darker color. If you saturate the color by 10%, you get **27.1615, 24.2833, 28.2090**, and if you desaturate by 10%, it is **33.5261, 34.5289, 37.9879**.

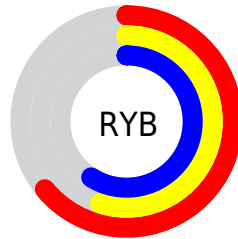
Distribution



Red (64%)

Green (55%)

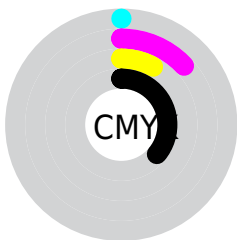
Blue (59%)



Red (64%)

Yellow (55%)

Blue (59%)

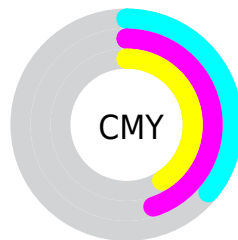


Cyan (0%)

Magenta (13%)

Yellow (8%)

Black (36%)



Cyan (36%)

Magenta (45%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.1342, 29.0383, 32.8709 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 30.1342, 29.0383, 32.8709 by changing the saturation by 10% instead.

■ 30.1342, 29.0383,
32.8709

■ 30.1342, 29.0383,
32.8709

294.4281,
297.3956, 329.6818

■ 20.0891, 19.1098,
21.7573

■ 59.2595, 58.1379,
65.2876

■ 12.5684, 11.7496,
13.4820

■ 79.0704, 78.0778,
87.4278

■ 7.2070, 6.5734,
7.6267

■ 102.8672,
102.1237, 114.0805

■ 3.6394, 3.1968,
3.7727

131.0154,
130.6599, 145.6643

■ 1.5002, 1.2353,
1.5015

163.8802,
164.0707, 182.5978

■ 0.3260, 0.0903,
0.2190

201.8270,

■ 0.0000, 0.0000,

202.7407, 225.2996

0.0000

245.2212,
247.0542, 274.1880

■ 30.1342, 29.0383,
32.8709

■ 30.1342, 29.0383,
32.8709

■ 27.1615, 24.2833,
28.2090

■ 33.5261, 34.5289,
37.9879

■ 24.5885, 20.2286,
23.9872

■ 37.3507, 40.7806,
43.5707

■ 22.3980, 16.8419,
20.1922

■ 41.6238, 47.8227,
49.6319

■ 20.5705, 14.0865,
16.8093

■ 46.3597, 55.6816,
56.1833

■ 19.0846, 11.9226,
13.8231

■ 51.5722, 64.3825,
63.2358

■ 17.9164, 10.3055,
11.2165

■ 57.2743, 73.9495,
70.8004

■ 17.0389, 9.1840,
8.9713

■ 63.4453, 84.3390,
78.8763

■ 16.4201, 8.4972,
7.0669

■ 64.7387, 84.8563,
85.6876

■ 16.1077, 8.1879,
5.9899

■ 66.1066, 85.4035,
92.8908

Harmonies

Analogous

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



29.5594, 29.0383, 36.4382



30.1342, 29.0383, 32.8709



30.0138, 29.0383, 29.2287

Triad

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



30.1342, 29.0383, 32.8709



26.7527, 29.0383, 25.3620



26.0267, 29.0383, 37.4247

Complementary

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



30.1342, 29.0383, 32.8709



29.9156, 34.1910, 35.5964

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.



25.3192, 29.0383, 34.1336



30.1342, 29.0383, 32.8709



25.7292, 29.0383, 27.2424

Square

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



30.1342, 29.0383, 32.8709



28.0342, 29.0383, 25.0820



25.2121, 29.0383, 30.3969



27.1704, 29.0383, 39.2004

Rectangle

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



30.1342, 29.0383, 32.8709



29.5569, 29.0383, 27.2349



25.2121, 29.0383, 30.3969



25.7315, 29.0383, 36.4474

Sweetspot

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



30.1350, 29.0396, 32.8715



59.6693, 61.2317, 67.4793



29.4315, 28.5492, 38.6102



13.2972, 13.5829, 15.0004



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.



30.1350, 29.0396, 32.8715



52.4027, 49.4905, 56.4492



29.7105, 29.3059, 29.2915



7.1883, 7.1318, 7.9778



12.5400, 6.3720, 4.7682



0.2867, 0.1432, 0.2222

Inverse Universe

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



30.1350, 29.0396, 32.8715



52.4027, 49.4905, 56.4492



30.3704, 33.8559, 39.5850



7.1883, 7.1318, 7.9778



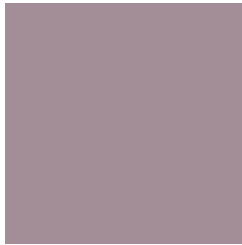
12.5400, 6.3720, 4.7682



0.2867, 0.1432, 0.2222

Previews

White Background



This preview shows how the XYZ color 30.1342, 29.0383, 32.8709 looks on a white background.

Color Contrast Check

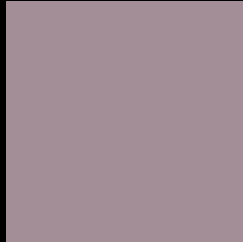
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.1342, 29.0383, 32.8709 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

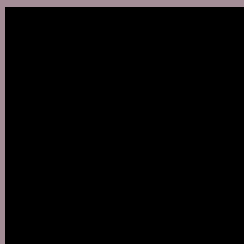
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.1342, 29.0383, 32.8709

Background



This preview shows how black text looks on a background with the XYZ color 30.1342, 29.0383, 32.8709.



This preview shows how white text looks on a background with the XYZ color 30.1342, 29.0383,

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

30.1342, 29.0383, 32.8709

Protanopia

28.2414, 29.1536, 34.2757

Deuteranopia

29.6752, 29.0216, 32.8918



Tritanopia

30.2966, 29.1033, 33.7265

Trichromacy



Original Color

30.1342, 29.0383, 32.8709

Protanomaly

28.7776, 28.9858, 33.7838

Deuteranomaly

29.8760, 29.1251, 32.9012

Tritanomaly

30.2150, 29.0706, 33.2968

Monochromacy



Original Color

30.1342, 29.0383, 32.8709

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

29.0301, 29.5977, 32.6166

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1342, 29.0383, 32.8709 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, 141, 150)` looks like.

```
.text, #text, p{  
    color:rgb(163, 141, 150)  
}
```

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, 141, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 141, 150) }
```

Border

The CSS property to change the border of an element to XYZ 30.1342, 29.0383, 32.8709 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, 141, 150) }
```


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

```
.border{ border-color:rgb(163, 141, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 141, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 141, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 141, 150);  
box-shadow:4px 4px 4px 4px rgb(163, 141,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1342, 29.0383, 32.8709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 141, 150) }
```

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

```
.background{ background-color: rgb(163,  
141, 150) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor