

Converting Colors

XYZ(32.9336, 30.8186, 38.4234)

Have a look what the booklet for
XYZ(32.9336, 30.8186, 38.4234)
contains.

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Color

**XYZ(32.9216, 30.7996,
38.3922)**

Conversions

Conversions Part 1

Format	Color
Hex	AA8FA2
RGB	170, 143, 162
RGB Percent	67%, 56%, 64%
CMY	0.3333, 0.4392, 0.3647
CMYK	0.00, 0.16, 0.05, 0.33
HSL	318°, 14%, 61%
HSV	318°, 16%, 67%
XYZ	32.9216, 30.7996, 38.3922
YIQ	153.2390, 9.9930, 11.6330

Conversions

Conversions Part 2

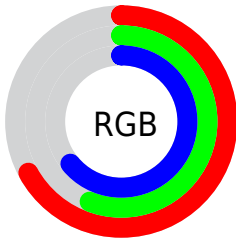
Format	Color
RYB	170, 143, 162
Decimal	11177890
CIELab	62.34, 13.48, -6.23
CIElCh	62, 14.848, 335.199
Yxy	30.7996, 0.3224, 0.3016
Android (android.graphics.Color)	4289367970 (0xFFAA8FA2)
YUV	153.2390, 4.3192, 14.6994
Hunter-Lab	55.4974, 8.7675, -2.1677

Details

The XYZ color **32.9216, 30.7996, 38.3922** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.2895, 36.8243, 34.7385**, and the grayscale version is **30.3618, 31.9430, 34.7859**.

A 20% lighter version of the original color is **63.5420, 60.9498, 74.0611**, and **14.2000, 12.8060, 16.4752** is the 20% darker color. If you saturate the color by 10%, you get **30.1218, 25.9019, 35.2939**, and if you desaturate by 10%, it is **36.1279, 36.4806, 41.7152**.

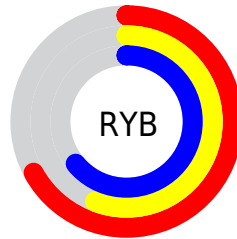
Distribution



Red (67%)

Green (56%)

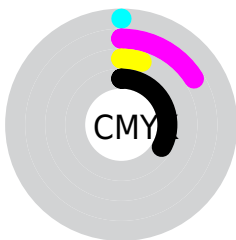
Blue (64%)



Red (67%)

Yellow (56%)

Blue (64%)

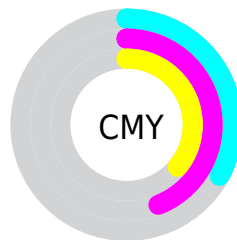


Cyan (0%)

Magenta (16%)

Yellow (5%)

Black (33%)



Cyan (33%)

Magenta (44%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.9216, 30.7996, 38.3922 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 32.9216, 30.7996, 38.3922 by changing the saturation by 10% instead.

■ 32.9216, 30.7996,
38.3922

■ 32.9216, 30.7996,
38.3922

306.9675,
305.6140, 354.6479

■ 22.2253, 20.4463,
25.9830

■ 63.6086, 60.9244,
73.9190

■ 14.1401, 12.7199,
16.5853

■ 84.3301, 81.4647,
97.8736

■ 8.3005, 7.2359,
9.7804

109.1240,
106.1695, 126.5139

■ 4.3413, 3.6101,
5.1499

138.3557,
135.4231, 160.2583

■ 1.8970, 1.4579,
2.2752

172.3905,
169.6100, 199.5254

■ 0.5751, 0.2588,
0.7173

211.5939,

■ 0.0000, 0.0000,

209.1145, 244.7336

0.0000

256.3311,
254.3210, 296.3016

■ 32.9216, 30.7996,
38.3922

■ 32.9216, 30.7996,
38.3922

■ 30.1218, 25.9019,
35.2939

■ 36.1279, 36.4806,
41.7152

■ 27.7082, 21.7488,
32.4115

■ 39.7544, 42.9736,
45.2675

■ 25.6629, 18.3042,
29.7383

■ 43.8177, 50.3105,
49.0559

■ 23.9654, 15.5273,
27.2664

■ 48.3323, 58.5205,
53.0862

■ 22.5929, 13.3734,
24.9872

■ 53.3123, 67.6314,
57.3641

■ 21.5203, 11.7921,
22.8912

■ 58.7711, 77.6695,
61.8950

■ 20.7182, 10.7250,
20.9674

■ 62.4461, 84.1095,
65.9256

■ 20.1481, 10.0959,
19.2019

■ 63.0342, 84.3447,
69.0225

■ 19.9452, 9.8931,
18.5086

■ 63.6418, 84.5878,
72.2219

Harmonies

Analogous

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



31.5570, 30.7996, 43.4097



32.9216, 30.7996, 38.3922



33.2910, 30.7996, 32.5433

Triad

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



32.9216, 30.7996, 38.3922



28.9256, 30.7996, 23.6828



26.2304, 30.7996, 40.3233

Complementary

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



32.9216, 30.7996, 38.3922



31.2895, 36.8243, 34.7385

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.



25.5941, 30.7996, 34.5477



32.9216, 30.7996, 38.3922



27.1040, 30.7996, 25.2852

Square

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



32.9216, 30.7996, 38.3922



30.9241, 30.7996, 24.4641



25.9065, 30.7996, 29.1067



27.6838, 30.7996, 44.6109

Rectangle

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



32.9216, 30.7996, 38.3922



32.9094, 30.7996, 29.0435



25.9065, 30.7996, 29.1067



25.9169, 30.7996, 38.4683

Sweetspot

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



32.9225, 30.8010, 38.3929



66.0410, 67.0655, 76.1808



29.7771, 29.0946, 42.0771



14.6326, 14.7869, 16.8934



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



32.9225, 30.8010, 38.3929



57.8919, 52.6481, 67.6660



31.8139, 30.3575, 32.5552



7.7458, 7.6282, 8.9784



14.6971, 7.2875, 13.7482



0.3784, 0.1856, 0.4441

Inverse Universe

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



32.9225, 30.8010, 38.3929



57.8919, 52.6481, 67.6660



32.4178, 37.2756, 40.6801



7.7458, 7.6282, 8.9784



14.6971, 7.2875, 13.7482



0.3784, 0.1856, 0.4441

Previews

White Background



This preview shows how the XYZ color 32.9216, 30.7996, 38.3922 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 32.9216, 30.7996, 38.3922 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 ✓ Pass

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

XYZ 32.9216, 30.7996, 38.3922

Background



This preview shows how black text looks on a background with the XYZ color 32.9216, 30.7996, 38.3922.



This preview shows how white text looks on a background with the XYZ color 32.9216, 30.7996,

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

32.9216, 30.7996, 38.3922

Protanopia

30.1837, 30.9554, 40.4605

Deuteranopia

31.5647, 31.0177, 38.0416



Tritanopia

32.2518, 30.7481, 35.2455

Trichromacy



Original Color

32.9216, 30.7996, 38.3922

Protanomaly

31.1299, 30.7521, 39.8923

Deuteranomaly

32.0217, 31.0235, 38.0186

Tritanomaly

32.5070, 30.8502, 36.5891

Monochromacy



Original Color

32.9216, 30.7996, 38.3922

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

31.0463, 31.2661, 35.8511

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.9216, 30.7996, 38.3922 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(170, 143, 162)` looks like.

```
.text, #text, p{  
    color:rgb(170, 143, 162)  
}
```

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(170, 143, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 143, 162) }
```

Border

The CSS property to change the border of an element to XYZ 32.9216, 30.7996, 38.3922 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(170, 143, 162) }
```


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

```
.border{ border-color:rgb(170, 143, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 143, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 143, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 143, 162);  
box-shadow:4px 4px 4px 4px rgb(170, 143,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 32.9216, 30.7996, 38.3922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 143, 162) }
```

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

```
.background{ background-color: rgb(170,  
143, 162) }
```

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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