

Converting Colors

XYZ(32.8275, 30.7403, 38.9036)

Have a look what the booklet for
XYZ(32.8275, 30.7403, 38.9036)
contains.

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Color

**XYZ(32.7955, 30.7243,
38.8522)**

Conversions

Conversions Part 1

Format	Color
Hex	A98FA3
RGB	169, 143, 163
RGB Percent	66%, 56%, 64%
CMY	0.3373, 0.4392, 0.3608
CMYK	0.00, 0.15, 0.04, 0.34
HSL	314°, 13%, 61%
HSV	314°, 15%, 66%
XYZ	32.7955, 30.7243, 38.8522
YIQ	153.0540, 9.0760, 11.7320

Conversions

Conversions Part 2

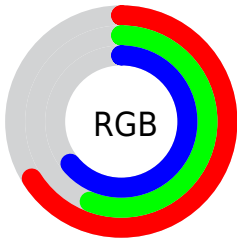
Format	Color
RYB	169, 143, 163
Decimal	11112355
CIELab	62.27, 13.31, -6.90
CIELCh	62, 14.988, 332.587
Yxy	30.7243, 0.3204, 0.3001
Android (android.graphics.Color)	4289302435 (0xFFA98FA3)
YUV	153.0540, 4.9034, 13.9846
Hunter-Lab	55.4295, 8.6099, -2.7575

Details

The XYZ color **32.7955, 30.7243, 38.8522** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.9417, 36.3863, 33.8279**, and the grayscale version is **30.2791, 31.8560, 34.6911**.

A 20% lighter version of the original color is **63.3616, 60.8418, 74.7338**, and **14.1197, 12.7583, 16.7573** is the 20% darker color. If you saturate the color by 10%, you get **30.1033, 25.8901, 36.2573**, and if you desaturate by 10%, it is **35.8825, 36.3299, 41.6326**.

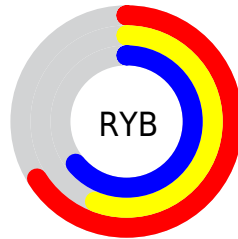
Distribution



Red (66%)

Green (56%)

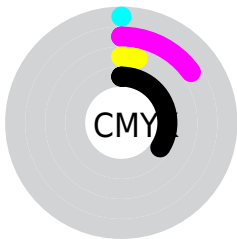
Blue (64%)



Red (66%)

Yellow (56%)

Blue (64%)

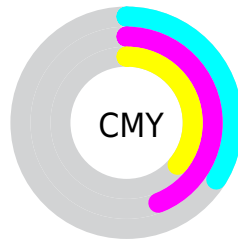


Cyan (0%)

Magenta (15%)

Yellow (4%)

Black (34%)



Cyan (34%)


Magenta (44%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.7955, 30.7243, 38.8522 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 32.7955, 30.7243, 38.8522 by changing the saturation by 10% instead.


 32.7955, 30.7243,
38.8522


 32.7955, 30.7243,
38.8522


306.4085,
305.2662, 356.6689


 22.1283, 20.3890,
26.3378


 63.4129, 60.8057,
74.6303

 14.0683, 12.6781,
16.8485


 84.0939, 81.3207,
98.7312

 8.2502, 7.2073,
9.9657

 108.8435,
105.9976, 127.5312

 4.3086, 3.5921,
5.2709

138.0271,
135.2210, 161.4490

 1.8782, 1.4481,
2.3456

172.0101,
169.3751, 200.9032

 0.5641, 0.2518,
0.7566

211.1577,

 0.0000, 0.0000,

208.8444, 246.3122

0.0000

255.8354,
254.0133, 298.0946

■ 32.7955, 30.7243,
38.8522

■ 32.7955, 30.7243,
38.8522

■ 30.1033, 25.8901,
36.2573

■ 35.8825, 36.3299,
41.6326

■ 27.7860, 21.7892,
33.8397

■ 39.3777, 42.7349,
44.6024

■ 25.8262, 18.3863,
31.5936

■ 43.2971, 49.9707,
47.7677

■ 24.2038, 15.6413,
29.5116

■ 47.6551, 58.0660,
51.1337

■ 22.8967, 13.5106,
27.5861

■ 52.4653, 67.0479,
54.7055

■ 21.8804, 11.9447,
25.8082

■ 57.7409, 76.9426,
58.4879

■ 21.1262, 10.8868,
24.1679

■ 61.4499, 83.6861,
61.8040

■ 20.5981, 10.2649,
22.6528

■ 61.8830, 83.8594,
64.0845

■ 20.3914, 10.0467,
21.9822

■ 62.3276, 84.0372,
66.4255

Harmonies

Analogous

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



31.3492, 30.7243, 43.7514



32.7955, 30.7243, 38.8522



33.2656, 30.7243, 32.9530

Triad

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



32.7955, 30.7243, 38.8522



29.0272, 30.7243, 23.5083



26.0445, 30.7243, 39.8229

Complementary

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



32.7955, 30.7243, 38.8522



30.9417, 36.3863, 33.8279

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.



25.4845, 30.7243, 33.9591



32.7955, 30.7243, 38.8522



27.1562, 30.7243, 24.9134

Square

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



32.7955, 30.7243, 38.8522



31.0313, 30.7243, 24.5023



25.8821, 30.7243, 28.5797



27.4471, 30.7243, 44.3558

Rectangle

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



32.7955, 30.7243, 38.8522



32.9454, 30.7243, 29.3525



25.8821, 30.7243, 28.5797



25.7545, 30.7243, 37.9199

Sweetspot

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



32.7964, 30.7256, 38.8529



64.4358, 65.3797, 74.7118



29.3128, 28.8662, 41.5633



13.9580, 14.0927, 16.2086



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



32.7964, 30.7256, 38.8529



57.2464, 52.3415, 68.1824



31.7203, 30.2952, 33.1863



7.7667, 7.6366, 9.0888



15.2186, 7.4961, 16.4944



0.3879, 0.1894, 0.4943

Inverse Universe

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



32.7964, 30.7256, 38.8529



57.2464, 52.3415, 68.1824



32.0057, 36.8120, 39.4312



7.7667, 7.6366, 9.0888



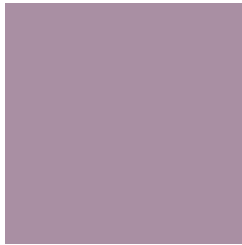
15.2186, 7.4961, 16.4944



0.3879, 0.1894, 0.4943

Previews

White Background



This preview shows how the XYZ color 32.7955, 30.7243, 38.8522 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 32.7955, 30.7243, 38.8522 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 32.7955, 30.7243, 38.8522

Background



This preview shows how black text looks on a background with the XYZ color 32.7955, 30.7243, 38.8522.



This preview shows how white text looks on a background with the XYZ color 32.7955, 30.7243,

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

32.7955, 30.7243, 38.8522

Protanopia

30.2758, 30.9923, 40.9456

Deuteranopia

31.2977, 30.6400, 38.4470



Tritanopia

32.1225, 30.6716, 35.6797

Trichromacy



Original Color

32.7955, 30.7243, 38.8522

Protanomaly

31.0270, 30.6885, 40.3646

Deuteranomaly

31.7512, 30.6460, 38.4242

Tritanomaly

32.3797, 30.7746, 37.0344

Monochromacy



Original Color

32.7955, 30.7243, 38.8522

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

31.1313, 31.3001, 36.2990

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7955, 30.7243, 38.8522 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(169, 143, 163)` looks like.

```
.text, #text, p{  
    color:rgb(169, 143, 163)  
}
```

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(169, 143, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 143, 163) }
```

Border

The CSS property to change the border of an element to XYZ 32.7955, 30.7243, 38.8522 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(169, 143, 163) }
```


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

```
.border{ border-color:rgb(169, 143, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 143, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 143, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 143, 163);  
box-shadow:4px 4px 4px 4px rgb(169, 143,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7955, 30.7243, 38.8522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 143, 163) }
```

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

```
.background{ background-color: rgb(169,  
143, 163) }
```

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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