

Converting Colors

XYZ(32.4521, 30.9555, 40.8265)

Have a look what the booklet for
XYZ(32.4521, 30.9555, 40.8265)
contains.

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Color

**XYZ(32.4103, 30.9333,
40.8217)**

Conversions

Conversions Part 1

Format	Color
Hex	A491A7
RGB	164, 145, 167
RGB Percent	64%, 57%, 65%
CMY	0.3569, 0.4314, 0.3451
CMYK	0.02, 0.13, 0.00, 0.35
HSL	292°, 11%, 61%
HSV	292°, 13%, 65%
XYZ	32.4103, 30.9333, 40.8217
YIQ	153.1890, 4.2620, 10.8700

Conversions

Conversions Part 2

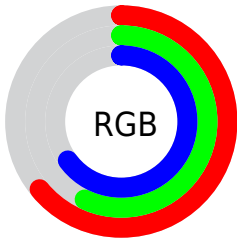
Format	Color
RYB	164, 145, 167
Decimal	10785191
CIELab	62.45, 11.16, -8.95
CIELCh	62, 14.310, 321.271
Yxy	30.9333, 0.3111, 0.2970
Android (android.graphics.Color)	4288975271 (0xFFA491A7)
YUV	153.1890, 6.8088, 9.4812
Hunter-Lab	55.6177, 6.6869, -4.5846

Details

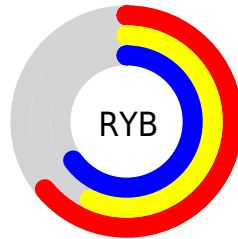
The XYZ color **32.4103, 30.9333, 40.8217** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.1433, 35.9784, 32.0926**, and the grayscale version is **30.3313, 31.9109, 34.7509**.

A 20% lighter version of the original color is **62.8217, 61.1808, 77.6053**, and **13.8688, 12.8670, 17.9723** is the 20% darker color. If you saturate the color by 10%, you get **29.5783, 25.9602, 40.0115**, and if you desaturate by 10%, it is **35.6277, 36.6636, 41.7586**.

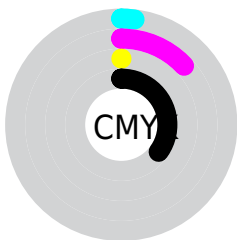
Distribution



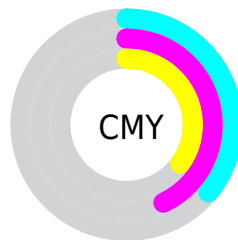
- Red (64%)
- Green (57%)
- Blue (65%)



- Red (64%)
- Yellow (57%)
- Blue (65%)



- Cyan (2%)
- Magenta (13%)
- Yellow (0%)
- Black (35%)



- Cyan (36%)
- Magenta (43%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.4103, 30.9333, 40.8217 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 32.4103, 30.9333, 40.8217 by changing the saturation by 10% instead.

■ 32.4103, 30.9333,
40.8217

■ 32.4103, 30.9333,
40.8217

304.6963,
306.2309, 365.2294

■ 21.8321, 20.5481,
27.8611

■ 62.8146, 61.1350,
77.6639

■ 13.8495, 12.7941,
17.9829

■ 83.3715, 81.7203,
102.3826

■ 8.0971, 7.2869,
10.7684

107.9853,
106.4744, 131.8577

■ 4.2095, 3.6422,
5.7991

137.0215,
135.7818, 166.5079

■ 1.8213, 1.4755,
2.6565

170.8453,
170.0267, 206.7516

■ 0.5305, 0.2714,
0.9214

209.8221,

■ 0.0000, 0.0000,

209.5936, 253.0074

0.0000

254.3173,
254.8668, 305.6938

■ 32.4103, 30.9333,
40.8217

■ 32.4103, 30.9333,
40.8217

■ 29.5783, 25.9602,
40.0115

■ 35.6277, 36.6636,
41.7586

■ 27.1125, 21.7078,
39.3207

■ 39.2430, 43.1778,
42.8255

■ 24.9964, 18.1423,
38.7440

■ 43.2718, 50.5060,
44.0276

■ 23.2109, 15.2257,
38.2751

■ 47.7276, 58.6759,
45.3697

■ 21.7352, 12.9164,
37.9072

■ 52.6237, 67.7135,
46.8561

■ 20.5460, 11.1680,
37.6324

■ 57.9726, 77.6439,
48.4909

■ 19.6166, 9.9270,
37.4418

■ 61.5440, 84.0064,
49.5308

■ 18.9151, 9.1299,
37.3250

■ 62.0783, 84.2818,
49.5558

■ 18.5167, 8.7400,
37.2707

■ 62.6214, 84.5618,
49.5812

Harmonies

Analogous

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



30.7762, 30.9333, 44.6574



32.4103, 30.9333, 40.8217



33.2471, 30.9333, 35.3296

Triad

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



32.4103, 30.9333, 40.8217



29.9713, 30.9333, 24.1812



26.0581, 30.9333, 37.7101

Complementary

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



32.4103, 30.9333, 40.8217



31.1433, 35.9784, 32.0926

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.



25.8639, 30.9333, 32.0847



32.4103, 30.9333, 40.8217



28.0677, 30.9333, 24.6691

Square

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



32.4103, 30.9333, 40.8217



31.7989, 30.9333, 26.0109



26.5843, 30.9333, 27.4259



27.1272, 30.9333, 42.7279

Rectangle

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



32.4103, 30.9333, 40.8217



33.2159, 30.9333, 31.6346



26.5843, 30.9333, 27.4259



25.8903, 30.9333, 35.8140

Sweetspot

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



32.4112, 30.9346, 40.8224



63.2586, 64.6807, 74.6258



29.2904, 30.0852, 40.8229



14.0573, 14.2976, 16.6709



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.



32.4112, 30.9346, 40.8224



56.3916, 52.4815, 72.6331



32.3467, 30.9812, 37.2135



7.7398, 7.6140, 9.4801



14.1993, 6.7034, 28.5210



0.3722, 0.1769, 0.6952

Inverse Universe

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



31.4080, 30.6057, 32.2704



54.2314, 51.7773, 54.0366



31.2218, 35.9479, 35.3015



7.5712, 7.5584, 8.0593



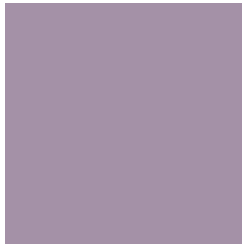
12.3224, 6.3377, 1.2435



0.3119, 0.1590, 0.0941

Previews

White Background



This preview shows how the XYZ color 32.4103, 30.9333, 40.8217 looks on a white background.

Color Contrast Check

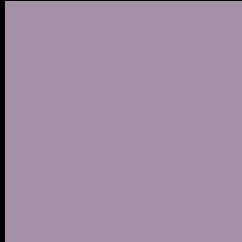
Large Text (above 18pt) WCAG AA × Fail

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 32.4103, 30.9333, 40.8217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

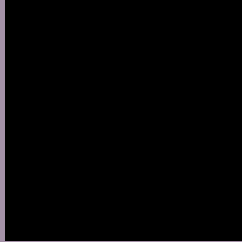
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.4103, 30.9333, 40.8217

Background



This preview shows how black text looks on a background with the XYZ color 32.4103, 30.9333, 40.8217.



This preview shows how white text looks on a background with the XYZ color 32.4103, 30.9333,

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

32.4103, 30.9333, 40.8217

Protanopia

30.3748, 31.0109, 42.4150

Deuteranopia

31.7068, 31.0284, 40.8772



Tritanopia

31.7095, 31.1226, 36.6837

Trichromacy



Original Color

32.4103, 30.9333, 40.8217

Protanomaly

31.0778, 30.9144, 41.8652

Deuteranomaly

31.9519, 30.9249, 40.8443

Tritanomaly

31.8162, 30.9175, 38.0090

Monochromacy



Original Color

32.4103, 30.9333, 40.8217

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.9825, 31.4494, 36.7851

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4103, 30.9333, 40.8217 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(164, 145, 167)` looks like.

```
.text, #text, p{  
    color:rgb(164, 145, 167)  
}
```

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(164, 145, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 145, 167) }
```

Border

The CSS property to change the border of an element to XYZ 32.4103, 30.9333, 40.8217 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(164, 145, 167) }
```


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

```
.border{ border-color:rgb(164, 145, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 145, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 145, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 145, 167);  
box-shadow:4px 4px 4px 4px rgb(164, 145,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4103, 30.9333, 40.8217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 145, 167) }
```

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

```
.background{ background-color: rgb(164,  
145, 167) }
```

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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