

Converting Colors

XYZ(32.6347, 31.2581, 40.2697)

Have a look what the booklet for
XYZ(32.6347, 31.2581, 40.2697)
contains.

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Color

**XYZ(32.6789, 31.3103,
40.3975)**

Conversions

Conversions Part 1

Format	Color
Hex	A592A6
RGB	165, 146, 166
RGB Percent	65%, 57%, 65%
CMY	0.3529, 0.4274, 0.3490
CMYK	0.01, 0.12, 0.00, 0.35
HSL	297°, 10%, 61%
HSV	297°, 12%, 65%
XYZ	32.6789, 31.3103, 40.3975
YIQ	153.9610, 4.9040, 10.2480

Conversions

Conversions Part 2

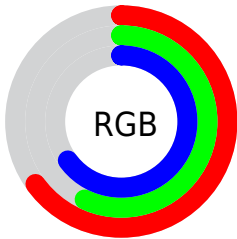
Format	Color
RYB	165, 146, 166
Decimal	10850982
CIELab	62.77, 10.76, -7.90
CIELCh	63, 13.350, 323.693
Yxy	31.3103, 0.3131, 0.2999
Android (android.graphics.Color)	4289041062 (0xFFA592A6)
YUV	153.9610, 5.9352, 9.6812
Hunter-Lab	55.9556, 6.3243, -3.6359

Details

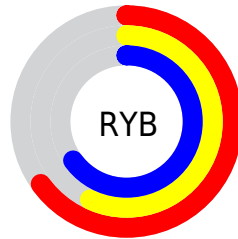
The XYZ color **32.6789, 31.3103, 40.3975** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.8583, 35.5516, 32.4315**, and the grayscale version is **30.6721, 32.2695, 35.1415**.

A 20% lighter version of the original color is **63.2206, 61.7447, 76.9924**, and **13.9395, 12.9100, 17.6768** is the 20% darker color. If you saturate the color by 10%, you get **30.1318, 26.4711, 39.5981**, and if you desaturate by 10%, it is **35.6005, 36.8959, 41.3221**.

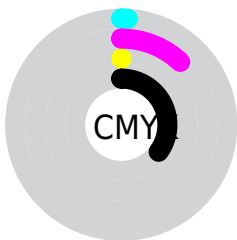
Distribution



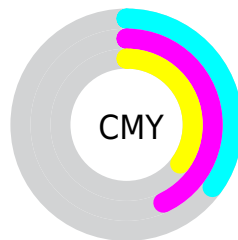
- Red (65%)
- Green (57%)
- Blue (65%)



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



- Cyan (1%)
- Magenta (12%)
- Yellow (0%)
- Black (35%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.6789, 31.3103, 40.3975 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 32.6789, 31.3103, 40.3975 by changing the saturation by 10% instead.

■ 32.6789, 31.3103,
40.3975

■ 32.6789, 31.3103,
40.3975

305.8910,
307.9653, 363.3979

■ 22.0386, 20.8352,
27.5325

■ 63.2319, 61.7283,
77.0121

■ 14.0021, 13.0036,
17.7376

■ 83.8754, 82.4400,
101.5988

■ 8.2038, 7.4310,
10.5942

108.5840,
107.3327, 130.9298

■ 4.2785, 3.7331,
5.6840

137.7230,
136.7909, 165.4236

■ 1.8609, 1.5254,
2.5882

171.6579,
171.1988, 205.4988

■ 0.5539, 0.3065,
0.8864

210.7539,

■ 0.0000, 0.0000,

210.9409, 251.5738

0.0000

255.3765,
256.4016, 304.0674

■ 32.6789, 31.3103,
40.3975

■ 32.6789, 31.3103,
40.3975

■ 30.1318, 26.4711,
39.5981

■ 35.6005, 36.8959,
41.3221

■ 27.9406, 22.3424,
38.9167

■ 38.9089, 43.2539,
42.3750

■ 26.0890, 18.8912,
38.3482

■ 42.6190, 50.4138,
43.5614

■ 24.5585, 16.0808,
37.8864

■ 46.7445, 58.4026,
44.8860

■ 23.3289, 13.8703,
37.5245

■ 51.2980, 67.2459,
46.3529

■ 22.3775, 12.2147,
37.2551

■ 56.2919, 76.9682,
47.9663

■ 21.6786, 11.0624,
37.0695

■ 59.3963, 82.9098,
48.9495

■ 21.2015, 10.3522,
36.9576

■ 59.5774, 83.0032,
48.9580

■ 20.9251, 9.9922,
36.9026

■ 59.7596, 83.0971,
48.9665

Harmonies

Analogous

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



31.1925, 31.3103, 44.1511



32.6789, 31.3103, 40.3975



33.3867, 31.3103, 35.2080

Triad

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



32.6789, 31.3103, 40.3975



30.1468, 31.3103, 25.0436



26.6594, 31.3103, 38.2930

Complementary

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



32.6789, 31.3103, 40.3975



30.8583, 35.5516, 32.4315

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.



26.4050, 31.3103, 32.9990



32.6789, 31.3103, 40.3975



28.3711, 31.3103, 25.6894

Square

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



32.6789, 31.3103, 40.3975



31.8868, 31.3103, 26.6149



27.0194, 31.3103, 28.4786



27.7290, 31.3103, 42.8518

Rectangle

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



32.6789, 31.3103, 40.3975



33.3020, 31.3103, 31.7667



27.0194, 31.3103, 28.4786



26.4776, 31.3103, 36.5272

Sweetspot

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



32.6798, 31.3117, 40.3982



63.4798, 64.7947, 74.6362



29.1721, 29.7332, 40.2784



14.1157, 14.3277, 16.6737



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.



32.6798, 31.3117, 40.3982



58.2291, 54.7678, 72.9775



32.0916, 31.1005, 36.2109



7.8043, 7.6472, 9.4831



16.2382, 7.7545, 28.6164



0.4059, 0.1942, 0.6967

Inverse Universe

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



31.2723, 30.7728, 31.8967



55.2540, 53.6296, 54.9722



31.4078, 35.7508, 36.2567



7.5457, 7.5482, 7.9251



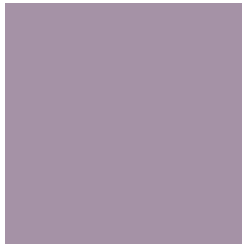
12.2352, 6.3028, 0.7840



0.3023, 0.1552, 0.0433

Previews

White Background



This preview shows how the XYZ color 32.6789, 31.3103, 40.3975 looks on a white background.

Color Contrast Check

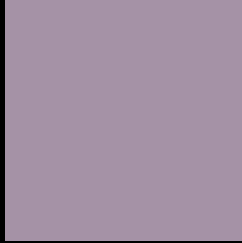
Large Text (above 18pt) WCAG AA × Fail

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 32.6789, 31.3103, 40.3975 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

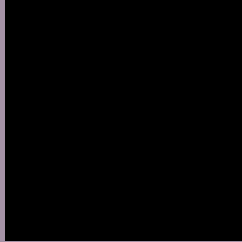
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.6789, 31.3103, 40.3975

Background



This preview shows how black text looks on a background with the XYZ color 32.6789, 31.3103, 40.3975.



This preview shows how white text looks on a background with the XYZ color 32.6789, 31.3103,

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

32.6789, 31.3103, 40.3975

Protanopia

30.8057, 31.4818, 41.9891

Deuteranopia

31.9700, 31.4066, 40.4535



Tritanopia

32.0016, 31.2632, 37.1486

Trichromacy



Original Color

32.6789, 31.3103, 40.3975

Protanomaly

31.3329, 31.2906, 41.4341

Deuteranomaly

32.2169, 31.3020, 40.4203

Tritanomaly

32.2651, 31.3686, 38.5366

Monochromacy



Original Color

32.6789, 31.3103, 40.3975

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

31.3387, 31.8709, 36.8477

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6789, 31.3103, 40.3975 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(165, 146, 166)` looks like.

```
.text, #text, p{  
    color:rgb(165, 146, 166)  
}
```

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(165, 146, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 146, 166) }
```

Border

The CSS property to change the border of an element to XYZ 32.6789, 31.3103, 40.3975 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(165, 146, 166) }
```


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

```
.border{ border-color:rgb(165, 146, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 146, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 146, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 146, 166); box-shadow:4px 4px 4px 4px rgb(165, 146, 166) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6789, 31.3103, 40.3975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 146, 166) }
```

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

```
.background{ background-color: rgb(165,  
146, 166) }
```

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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