

Converting Colors

XYZ(32.7869, 31.3371, 40.2562)

Have a look what the booklet for
XYZ(32.7869, 31.3371, 40.2562)
contains.

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Color

**XYZ(32.8877, 31.4179,
40.4073)**

Conversions

Conversions Part 1

Format	Color
Hex	A692A6
RGB	166, 146, 166
RGB Percent	65%, 57%, 65%
CMY	0.3490, 0.4274, 0.3490
CMYK	0.00, 0.12, 0.00, 0.35
HSL	300°, 10%, 61%
HSV	300°, 12%, 65%
XYZ	32.8877, 31.4179, 40.4073
YIQ	154.2600, 5.5000, 10.4600

Conversions

Conversions Part 2

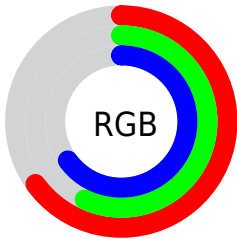
Format	Color
R_{YB}	166, 146, 166
Decimal	10916518
CIE Lab	62.86, 11.11, -7.76
CIE LCh	63, 13.555, 325.074
Yxy	31.4179, 0.3141, 0.3000
Android (android.graphics.Color)	4289106598 (0xFFFA692A6)
YUV	154.2600, 5.7878, 10.2960
Hunter-Lab	56.0517, 6.6425, -3.5056

Details

The XYZ color **32.8877, 31.4179, 40.4073** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.6798, 35.4597, 32.4231**, and the grayscale version is **30.8038, 32.4080, 35.2923**.

A 20% lighter version of the original color is **63.5242, 61.9012, 77.0066**, and **14.0689, 12.9767, 17.6828** is the 20% darker color. If you saturate the color by 10%, you get **30.5127, 26.6674, 39.6159**, and if you desaturate by 10%, it is **35.6361, 36.9143, 41.3239**.

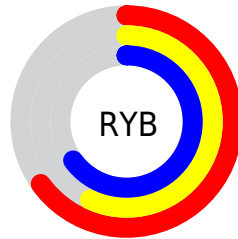
Distribution



Red (65%)

Green (57%)

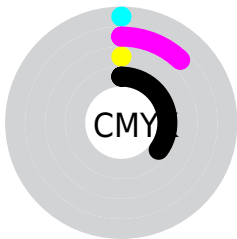
Blue (65%)



Red (65%)

Yellow (57%)

Blue (65%)

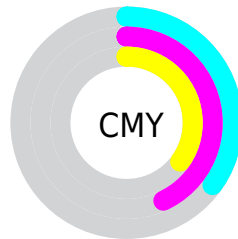


Cyan (0%)

Magenta (12%)

Yellow (0%)

Black (35%)



Cyan (35%)

Magenta (43%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.8877, 31.4179, 40.4073 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 32.8877, 31.4179, 40.4073 by changing the saturation by 10% instead.

■ 32.8877, 31.4179,
40.4073

■ 32.8877, 31.4179,
40.4073

306.8173,
308.4590, 363.4403

■ 22.1993, 20.9173,
27.5401

■ 63.5560, 61.8974,
77.0272

■ 14.1208, 13.0635,
17.7432

■ 84.2666, 82.6451,
101.6169

■ 8.2870, 7.4723,
10.5983

109.0486,
107.5773, 130.9512

■ 4.3325, 3.7592,
5.6866

138.2674,
137.0783, 165.4487

■ 1.8919, 1.5398,
2.5898

172.2883,
171.5326, 205.5277

■ 0.5721, 0.3165,
0.8872

211.4767,

■ 0.0000, 0.0000,

211.3245, 251.6070

0.0000

256.1979,
256.8385, 304.1050

■ 32.8877, 31.4179,
40.4073

■ 32.8877, 31.4179,
40.4073

■ 30.5127, 26.6674,
39.6159

■ 35.6361, 36.9143,
41.3239

■ 28.4924, 22.6268,
38.9424

■ 38.7702, 43.1824,
42.3686

■ 26.8106, 19.2632,
38.3817

■ 42.3050, 50.2519,
43.5470

■ 25.4488, 16.5397,
37.9278

■ 46.2539, 58.1497,
44.8633

■ 24.3868, 14.4157,
37.5737

■ 50.6297, 66.9014,
46.3220

■ 23.6019, 12.8459,
37.3120

■ 55.4448, 76.5315,
47.9271

■ 23.0684, 11.7789,
37.1341

■ 58.3693, 82.3804,
48.9020

■ 22.7556, 11.1533,
37.0297

■ 58.3693, 82.3804,
48.9021

■ 22.6090, 10.8603,
36.9808

■ 58.3693, 82.3804,
48.9022

Harmonies

Analogous

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



31.4015, 31.4179, 44.3382



32.8877, 31.4179, 40.4073



33.5644, 31.4179, 35.0949

Triad

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



32.8877, 31.4179, 40.4073



30.1696, 31.4179, 24.9940



26.7413, 31.4179, 38.7305

Complementary

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



32.8877, 31.4179, 40.4073



30.6798, 35.4597, 32.4231

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.



26.4419, 31.4179, 33.3376



32.8877, 31.4179, 40.4073



28.3732, 31.4179, 25.7530

Square

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



32.8877, 31.4179, 40.4073



31.9542, 31.4179, 26.4870



27.0274, 31.4179, 28.6789



27.8627, 31.4179, 43.3019

Rectangle

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



32.8877, 31.4179, 40.4073



33.4460, 31.4179, 31.6163



27.0274, 31.4179, 28.6789



26.5432, 31.4179, 36.9392

Sweetspot

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



32.8886, 31.4193, 40.4080



63.6083, 64.8610, 74.6421



29.0172, 29.4235, 40.2269



14.1496, 14.3452, 16.6752



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.



32.8886, 31.4193, 40.4080



58.6772, 54.9989, 72.9983



32.0066, 31.0664, 35.7631



7.8419, 7.6666, 9.4848



17.5319, 8.4215, 28.6764



0.4266, 0.2049, 0.6977

Inverse Universe

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



32.8886, 31.4193, 40.4080



58.6772, 54.9989, 72.9983



31.4921, 35.7846, 36.7009



7.8419, 7.6666, 9.4848



17.5319, 8.4215, 28.6764



0.4266, 0.2049, 0.6977

Previews

White Background



This preview shows how the XYZ color 32.8877, 31.4179, 40.4073 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 32.8877, 31.4179, 40.4073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

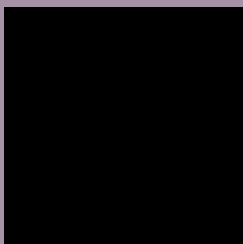
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

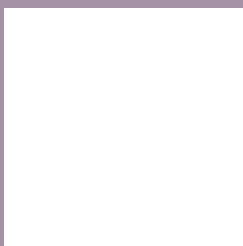
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.8877, 31.4179, 40.4073

Background



This preview shows how black text looks on a background with the XYZ color 32.8877, 31.4179, 40.4073.



This preview shows how white text looks on a background with the XYZ color 32.8877, 31.4179,

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

32.8877, 31.4179, 40.4073

Protanopia

30.8057, 31.4818, 41.9891

Deuteranopia

32.1708, 31.5100, 40.4629



Tritanopia

32.2088, 31.3700, 37.1583

Trichromacy



Original Color

32.8877, 31.4179, 40.4073

Protanomaly

31.5256, 31.3900, 41.4431

Deuteranomaly

32.4209, 31.4071, 40.4298

Tritanomaly

32.4724, 31.4754, 38.5463

Monochromacy



Original Color

32.8877, 31.4179, 40.4073

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 32.8877, 31.4179, 40.4073 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(166, 146, 166)` looks like.

```
.text, #text, p{  
    color:rgb(166, 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(166, 146, 166) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 32.8877, 31.4179, 40.4073 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(166, 146, 166) }
```


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

```
.border{ border-color:rgb(166, 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(166, 146, 166)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 32.8877, 31.4179, 40.4073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(166,  
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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