

Converting Colors

XYZ(32.7128, 31.3074, 39.8658)

Have a look what the booklet for
XYZ(32.7128, 31.3074, 39.8658)
contains.

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Color

**XYZ(32.7963, 31.3814,
39.9260)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | A692A5 |
| RGB | 166, 146, 165 |
| RGB Percent | 65%, 57%, 65% |
| CMY | 0.3490, 0.4274, 0.3529 |
| CMYK | 0.00, 0.12, 0.01, 0.35 |
| HSL | 303°, 10%, 61% |
| HSV | 303°, 12%, 65% |
| XYZ | 32.7963, 31.3814, 39.9260 |
| YIQ | 154.1460, 5.8210, 10.1490 |

Conversions

Conversions Part 2

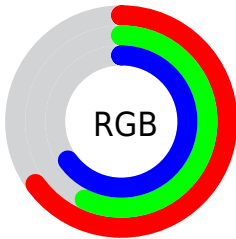
| Format | Color |
|-------------------------------------|---|
| RYB | 166, 146, 165 |
| Decimal | 10916517 |
| CIELab | 62.83, 10.92, -7.24 |
| CIELCh | 63, 13.102, 326.454 |
| Yxy | 31.3814, 0.3150, 0.3014 |
| Android (android.graphics.Color) | 4289106597 (0xFFA692A5) |
| YUV | 154.1460, 5.3510, 10.3960 |
| Hunter-Lab | 56.0191, 6.4691, -3.0439 |

Details

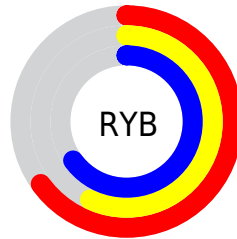
The XYZ color **32.7963, 31.3814, 39.9260** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.7579, 35.4909, 32.8347**, and the grayscale version is **30.7555, 32.3572, 35.2370**.

A 20% lighter version of the original color is **63.3913, 61.8480, 76.3069**, and **14.0123, 12.9541, 17.3846** is the 20% darker color. If you saturate the color by 10%, you get **30.3460, 26.6008, 38.7380**, and if you desaturate by 10%, it is **35.6205, 36.9081, 41.2418**.

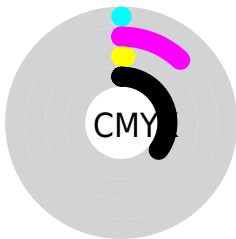
Distribution



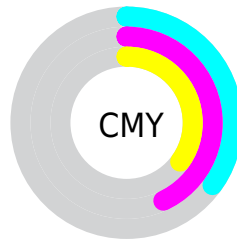
- Red (65%)
- Green (57%)
- Blue (65%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.7963, 31.3814, 39.9260 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 32.7963, 31.3814, 39.9260 by changing the saturation by 10% instead.

■ 32.7963, 31.3814,
39.9260

■ 32.7963, 31.3814,
39.9260

306.4121,
308.2916, 361.3544

■ 22.1289, 20.8894,
27.1675

■ 63.4142, 61.8401,
76.2867

■ 14.0688, 13.0432,
17.4655

■ 84.0954, 82.5755,
100.7259

■ 8.2506, 7.4583,
10.4015

108.8453,
107.4943, 129.8959

■ 4.3088, 3.7503,
5.5569

138.0292,
136.9808, 164.2150

■ 1.8783, 1.5349,
2.5132

172.0125,
171.4194, 204.1019

■ 0.5642, 0.3131,
0.8471

211.1605,

■ 0.0000, 0.0000,

211.1944, 249.9750

0.0000

255.8386,
256.6904, 302.2530

■ 32.7963, 31.3814,
39.9260

■ 32.7963, 31.3814,
39.9260

■ 30.3460, 26.6008,
38.7380

■ 35.6205, 36.9081,
41.2418

■ 28.2508, 22.5302,
37.6705

■ 38.8309, 43.2067,
42.6883

■ 26.4947, 19.1369,
36.7183

■ 42.4425, 50.3070,
44.2711

■ 25.0590, 16.3838,
35.8754

■ 46.4687, 58.2357,
45.9944

■ 23.9236, 14.2304,
35.1350

■ 50.9223, 67.0185,
47.8627

■ 23.0659, 12.6315,
34.4895

■ 55.8157, 76.6799,
49.8800

■ 22.4599, 11.5355,
33.9304

■ 58.8188, 82.5602,
51.2697

■ 22.0752, 10.8812,
33.4474

■ 58.8981, 82.5919,
51.6872

■ 21.8719, 10.5654,
33.0991

■ 58.9779, 82.6238,
52.1073

Harmonies

Analogous

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



31.3908, 31.3814, 43.8019



32.7963, 31.3814, 39.9260



33.4052, 31.3814, 34.7839

Triad

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



32.7963, 31.3814, 39.9260



30.0410, 31.3814, 25.2245



26.8433, 31.3814, 38.7630

Complementary

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



32.7963, 31.3814, 39.9260



30.7579, 35.4909, 32.8347

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.



26.5140, 31.3814, 33.5614



32.7963, 31.3814, 39.9260



28.3162, 31.3814, 26.0633

Square

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



32.7963, 31.3814, 39.9260



31.7748, 31.3814, 26.5769



27.0427, 31.3814, 28.9939



27.9606, 31.3814, 43.0846

Rectangle

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



32.7963, 31.3814, 39.9260



33.2602, 31.3814, 31.4457



27.0427, 31.3814, 28.9939



26.6387, 31.3814, 37.0451

Sweetspot

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



32.7972, 31.3828, 39.9267



63.5520, 64.8385, 74.3460



29.1958, 29.5156, 40.2352



14.1347, 14.3392, 16.5971



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.



32.7972, 31.3828, 39.9267



58.4810, 54.9204, 71.9652



31.9222, 31.0328, 35.3190



7.8255, 7.6600, 9.3981



16.9656, 8.1949, 25.6939



0.4175, 0.2013, 0.6501

Inverse Universe

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



32.7972, 31.3828, 39.9267



58.4810, 54.9204, 71.9652



31.5772, 35.8186, 37.1487



7.8255, 7.6600, 9.3981



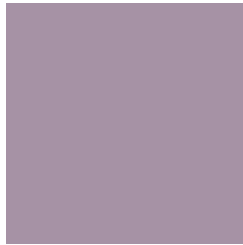
16.9656, 8.1949, 25.6939



0.4175, 0.2013, 0.6501

Previews

White Background



This preview shows how the XYZ color 32.7963, 31.3814, 39.9260 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 32.7963, 31.3814, 39.9260 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 32.7963, 31.3814, 39.9260

Background



This preview shows how black text looks on a background with the XYZ color 32.7963, 31.3814, 39.9260.



This preview shows how white text looks on a background with the XYZ color 32.7963, 31.3814,

39.9260.

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

32.7963, 31.3814, 39.9260

Protanopia

30.7122, 31.4444, 41.4965

Deuteranopia

32.0794, 31.4735, 39.9815



Tritanopia

32.2088, 31.3700, 37.1583

Trichromacy



Original Color

32.7963, 31.3814, 39.9260

Protanomaly

31.4328, 31.3528, 40.9542

Deuteranomaly

32.3295, 31.3706, 39.9485

Tritanomaly

32.3838, 31.4400, 38.0799

Monochromacy



Original Color

32.7963, 31.3814, 39.9260

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 32.7963, 31.3814, 39.9260 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, 165)` looks like.

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

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, 165) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 32.7963, 31.3814, 39.9260 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, 165) }
```


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

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

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, 165)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 32.7963, 31.3814, 39.9260 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, 165) }
```

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

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

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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