

Converting Colors

XYZ(33.0051, 31.9774, 37.2789)

Have a look what the booklet for
XYZ(33.0051, 31.9774, 37.2789)
contains.

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Color

**XYZ(32.9964, 32.0078,
37.2399)**

Conversions

Conversions Part 1

Format	Color
Hex	A8949F
RGB	168, 148, 159
RGB Percent	66%, 58%, 62%
CMY	0.3412, 0.4196, 0.3765
CMYK	0.00, 0.12, 0.05, 0.34
HSL	327°, 10%, 62%
HSV	327°, 12%, 66%
XYZ	32.9964, 32.0078, 37.2399
YIQ	155.2340, 8.3890, 7.6610

Conversions

Conversions Part 2

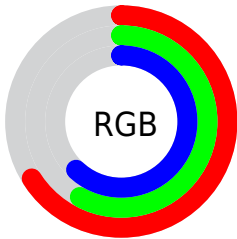
Format	Color
R _Y B	168, 148, 159
Decimal	11048095
CIE Lab	63.35, 9.39, -3.06
CIE LCh	63, 9.871, 341.959
Yxy	32.0078, 0.3227, 0.3131
Android (android.graphics.Color)	4289238175 (0xFFA8949F)
YUV	155.2340, 1.8566, 11.1958
Hunter-Lab	56.5754, 5.0993, 0.5761

Details

The XYZ color **32.9964, 32.0078, 37.2399** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.3024, 36.7365, 37.2884**, and the grayscale version is **31.2495, 32.8769, 35.8029**.

A 20% lighter version of the original color is **63.6896, 62.7841, 72.3801**, and **14.1839, 13.3451, 16.0156** is the 20% darker color. If you saturate the color by 10%, you get **29.9141, 26.8610, 33.0738**, and if you desaturate by 10%, it is **36.5032, 37.9384, 41.7463**.

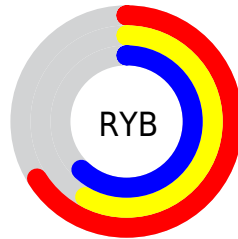
Distribution



Red (66%)

Green (58%)

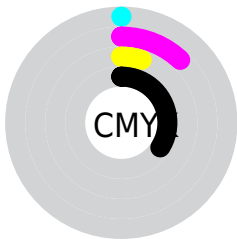
Blue (62%)



Red (66%)

Yellow (58%)

Blue (62%)

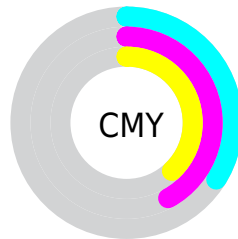


Cyan (0%)

Magenta (12%)

Yellow (5%)

Black (34%)



Cyan (34%)


Magenta (42%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.9964, 32.0078, 37.2399 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 32.9964, 32.0078, 37.2399 by changing the saturation by 10% instead.


 32.9964, 32.0078,
37.2399


 32.9964, 32.0078,
37.2399


307.2988,
311.1548, 349.5479

 22.2829, 21.3675,
25.0960


 63.7246, 62.8233,
72.1320

 14.1827, 13.3929,
15.9290


 84.4701, 83.7673,
95.7174

 8.3304, 7.6996,
9.3201


109.2902,
108.9146, 123.9537

 4.3607, 3.9034,
4.8509

138.5504,
138.6496, 157.2595

 1.9081, 1.6196,
2.1028

172.6160,
173.3567, 196.0532

 0.5816, 0.3708,
0.6175

211.8524,

 0.0000, 0.0000,

213.4204, 240.7535

0.0000

256.6248,
259.2249, 291.7789

■ 32.9964, 32.0078,
37.2399

■ 32.9964, 32.0078,
37.2399

■ 29.9141, 26.8610,
33.0738

■ 36.5032, 37.9384,
41.7463

■ 27.2364, 22.4607,
29.2367

■ 40.4477, 44.6797,
46.5998

■ 24.9459, 18.7729,
25.7197

■ 44.8463, 52.2625,
51.8094

■ 23.0228, 15.7591,
22.5123

■ 49.7133, 60.7148,
57.3832

■ 21.4454, 13.3774,
19.6036

■ 55.0626, 70.0631,
63.3290

■ 20.1898, 11.5808,
16.9816

■ 60.9074, 80.3329,
69.6544

■ 19.2285, 10.3162,
14.6331

■ 63.7835, 84.5949,
75.2076

■ 18.5293, 9.5200,
12.5431

■ 64.7597, 84.9854,
80.3479

■ 18.0975, 9.1045,
11.0180

■ 65.7811, 85.3939,
85.7265

Harmonies

Analogous

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



32.2178, 32.0078, 40.7672



32.9964, 32.0078, 37.2399



33.0728, 32.0078, 33.3111

Triad

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



32.9964, 32.0078, 37.2399



29.8799, 32.0078, 27.9797



28.5054, 32.0078, 40.1421

Complementary

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



32.9964, 32.0078, 37.2399



32.3024, 36.7365, 37.2884

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.



27.9176, 32.0078, 36.4378



32.9964, 32.0078, 37.2399



28.6951, 32.0078, 29.5369

Square

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



32.9964, 32.0078, 37.2399



31.2455, 32.0078, 28.1590



27.9860, 32.0078, 32.5666



29.6140, 32.0078, 42.5274

Rectangle

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



32.9964, 32.0078, 37.2399



32.7124, 32.0078, 31.0085



27.9860, 32.0078, 32.5666



28.2419, 32.0078, 38.9986

Sweetspot

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



32.9973, 32.0092, 37.2406



64.7920, 66.3854, 73.9261



31.5636, 31.1766, 41.4005



14.0176, 14.2924, 15.9802



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.



32.9973, 32.0092, 37.2406



58.4927, 55.7602, 65.7430



32.1643, 31.6760, 32.8541



7.6972, 7.6088, 8.7228



13.6924, 6.8857, 8.4579



0.3584, 0.1776, 0.3387

Inverse Universe

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



32.9973, 32.0092, 37.2406



58.4927, 55.7602, 65.7430



33.1915, 37.0921, 41.9700



7.6972, 7.6088, 8.7228



13.6924, 6.8857, 8.4579



0.3584, 0.1776, 0.3387

Previews

White Background



This preview shows how the XYZ color 32.9964, 32.0078, 37.2399 looks on a white background.

Color Contrast Check

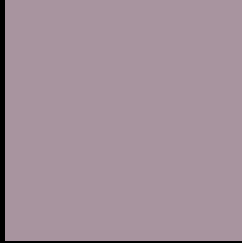
Large Text (above 18pt) WCAG AA × Fail

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 32.9964, 32.0078, 37.2399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

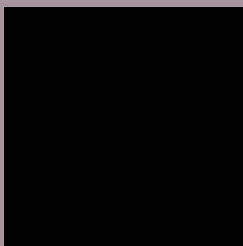
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

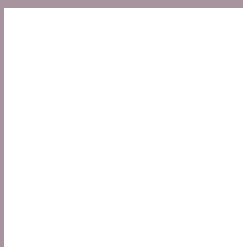
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.9964, 32.0078, 37.2399

Background



This preview shows how black text looks on a background with the XYZ color 32.9964, 32.0078, 37.2399.



This preview shows how white text looks on a background with the XYZ color 32.9964, 32.0078,

37.2399.

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

32.9964, 32.0078, 37.2399

Protanopia

31.2392, 32.2611, 38.7630

Deuteranopia

32.7313, 32.1051, 37.2727



Tritanopia

33.0835, 32.0427, 37.6989

Trichromacy



Original Color

32.9964, 32.0078, 37.2399

Protanomaly

31.7977, 32.0774, 38.2338

Deuteranomaly

32.9418, 32.2136, 37.2825

Tritanomaly

33.0835, 32.0427, 37.6989

Monochromacy



Original Color

32.9964, 32.0078, 37.2399

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

31.7262, 32.3304, 36.0207

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.9964, 32.0078, 37.2399 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(168, 148, 159)` looks like.

```
.text, #text, p{  
    color:rgb(168, 148, 159)  
}
```

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(168, 148, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 148, 159) }
```

Border

The CSS property to change the border of an element to XYZ 32.9964, 32.0078, 37.2399 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(168, 148, 159) }
```


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

```
.border{ border-color:rgb(168, 148, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 148, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 148, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 148, 159);  
box-shadow:4px 4px 4px 4px rgb(168, 148,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 32.9964, 32.0078, 37.2399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 148, 159) }
```

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

```
.background{ background-color: rgb(168,  
148, 159) }
```

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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