

Converting Colors

XYZ(32.5532, 31.0187, 39.9286)

Have a look what the booklet for
XYZ(32.5532, 31.0187, 39.9286)
contains.

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Color

**XYZ(32.6428, 31.0744,
39.8748)**

Conversions

Conversions Part 1

Format	Color
Hex	A691A5
RGB	166, 145, 165
RGB Percent	65%, 57%, 65%
CMY	0.3490, 0.4314, 0.3529
CMYK	0.00, 0.13, 0.01, 0.35
HSL	303°, 11%, 61%
HSV	303°, 13%, 65%
XYZ	32.6428, 31.0744, 39.8748
YIQ	153.5590, 6.0960, 10.6720

Conversions

Conversions Part 2

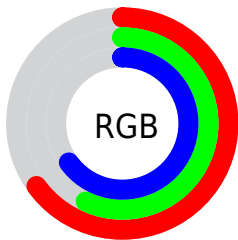
Format	Color
R_{YB}	166, 145, 165
Decimal	10916261
CIE _{Lab}	62.57, 11.48, -7.62
CIE _{LCh}	63, 13.784, 326.420
Yxy	31.0744, 0.3151, 0.3000
Android (android.graphics.Color)	4289106341 (0xFFA691A5)
YUV	153.5590, 5.6404, 10.9108
Hunter-Lab	55.7444, 6.9733, -3.3899

Details

The XYZ color **32.6428, 31.0744, 39.8748** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.5028, 35.3684, 32.4149**, and the grayscale version is **30.4971, 32.0853, 34.9409**.

A 20% lighter version of the original color is **63.1605, 61.3863, 76.2300**, and **14.0123, 12.9541, 17.3846** is the 20% darker color. If you saturate the color by 10%, you get **30.2179, 26.3389, 38.7129**, and if you desaturate by 10%, it is **35.4406, 36.5540, 41.1639**.

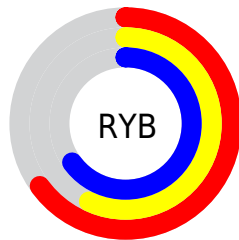
Distribution



Red (65%)

Green (57%)

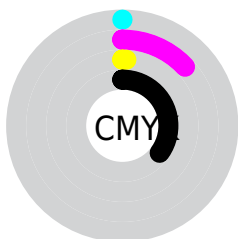
Blue (65%)



Red (65%)

Yellow (57%)

Blue (65%)

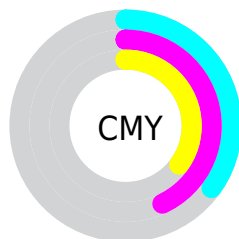


Cyan (0%)

Magenta (13%)

Yellow (1%)

Black (35%)



Cyan (35%)


Magenta (43%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.6428, 31.0744, 39.8748 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 32.6428, 31.0744, 39.8748 by changing the saturation by 10% instead.


 32.6428, 31.0744,
39.8748

 32.6428, 31.0744,
39.8748


305.7306,
306.8809, 361.1320

 22.0109, 20.6555,
27.1279


 63.1759, 61.3572,
76.2078

 13.9815, 12.8724,
17.4360


 83.8077, 81.9899,
100.6310

 8.1894, 7.3408,
10.3806


108.5036,
106.7959, 129.7834

 4.2692, 3.6761,
5.5431

137.6288,
136.1598, 164.0835

 1.8555, 1.4941,
2.5051

171.5488,
170.4658, 203.9499

 0.5508, 0.2846,
0.8428

210.6288,

 0.0000, 0.0000,

210.0984, 249.8011

0.0000

255.2343,
255.4420, 302.0556

■ 32.6428, 31.0744,
39.8748

■ 32.6428, 31.0744,
39.8748

■ 30.2179, 26.3389,
38.7129

■ 35.4406, 36.5540,
41.1639

■ 28.1472, 22.3116,
37.6709

■ 38.6236, 42.8038,
42.5833

■ 26.4143, 18.9593,
36.7436

■ 42.2069, 49.8535,
44.1383

■ 25.0008, 16.2449,
35.9250

■ 46.2041, 57.7300,
45.8335

■ 23.8861, 14.1276,
35.2083

■ 50.6278, 66.4592,
47.6731

■ 23.0476, 12.5619,
34.5857

■ 55.4906, 76.0655,
49.6612

■ 22.4592, 11.4956,
34.0487

■ 58.7926, 82.5497,
51.1313

■ 22.0899, 10.8670,
33.5868

■ 58.8679, 82.5798,
51.5281

■ 21.9058, 10.5790,
33.2778

■ 58.9437, 82.6101,
51.9272

Harmonies

Analogous

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



31.1692, 31.0744, 43.9527



32.6428, 31.0744, 39.8748



33.2828, 31.0744, 34.4837

Triad

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



32.6428, 31.0744, 39.8748



29.7610, 31.0744, 24.5380



26.4219, 31.0744, 38.6415

Complementary

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



32.6428, 31.0744, 39.8748



30.5028, 35.3684, 32.4149

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.



26.0802, 31.0744, 33.1939



32.6428, 31.0744, 39.8748



27.9595, 31.0744, 25.4025

Square

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



32.6428, 31.0744, 39.8748



31.5752, 31.0744, 25.9389



26.6315, 31.0744, 28.4377



27.5852, 31.0744, 43.1894

Rectangle

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



32.6428, 31.0744, 39.8748



33.1313, 31.0744, 30.9983



26.6315, 31.0744, 28.4377



26.2093, 31.0744, 36.8391

Sweetspot

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



32.6437, 31.0757, 39.8755



63.5547, 64.8395, 74.3600



28.8105, 29.0891, 40.1732



14.1354, 14.3395, 16.6008



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.



32.6437, 31.0757, 39.8755



58.0225, 54.0098, 71.7926



31.7519, 30.7190, 35.1793



7.8262, 7.6604, 9.4022



16.9916, 8.2054, 25.8313



0.4179, 0.2014, 0.6523

Inverse Universe

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



32.6437, 31.0757, 39.8755



58.0225, 54.0098, 71.7926



31.3321, 35.7001, 36.7818



7.8262, 7.6604, 9.4022



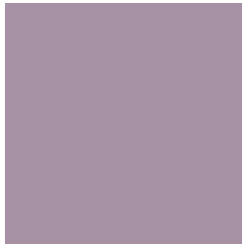
16.9916, 8.2054, 25.8313



0.4179, 0.2014, 0.6523

Previews

White Background



This preview shows how the XYZ color 32.6428, 31.0744, 39.8748 looks on a white background.

Color Contrast Check

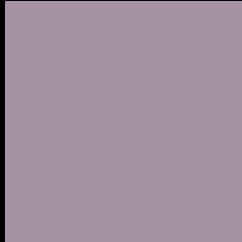
Large Text (above 18pt) WCAG AA × Fail

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 32.6428, 31.0744, 39.8748 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 32.6428, 31.0744, 39.8748

Background



This preview shows how black text looks on a background with the XYZ color 32.6428, 31.0744, 39.8748.



This preview shows how white text looks on a background with the XYZ color 32.6428, 31.0744,

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

32.6428, 31.0744, 39.8748

Protanopia

30.3687, 31.0294, 41.4345

Deuteranopia

31.7225, 31.0576, 39.9201



Tritanopia

31.9675, 31.0257, 36.6514

Trichromacy



Original Color

32.6428, 31.0744, 39.8748

Protanomaly

31.0825, 30.9384, 40.8927

Deuteranomaly

31.9707, 30.9558, 39.8873

Tritanomaly

32.2290, 31.1303, 38.0283

Monochromacy



Original Color

32.6428, 31.0744, 39.8748

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 32.6428, 31.0744, 39.8748 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, 145, 165)` looks like.

```
.text, #text, p{  
    color:rgb(166, 145, 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, 145, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 145, 165) }
```

Border

The CSS property to change the border of an element to XYZ 32.6428, 31.0744, 39.8748 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, 145, 165) }
```


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

```
.border{ border-color:rgb(166, 145, 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, 145, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 145, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 145, 165);  
box-shadow:4px 4px 4px 4px rgb(166, 145,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6428, 31.0744, 39.8748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 145, 165) }
```

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

```
.background{ background-color: rgb(166,  
145, 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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