

Converting Colors

XYZ(32.0369, 31.0370, 36.3065)

Have a look what the booklet for
XYZ(32.0369, 31.0370, 36.3065)
contains.

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Color

**XYZ(32.0906, 31.0991,
36.2097)**

Conversions

Conversions Part 1

Format	Color
Hex	A6929D
RGB	166, 146, 157
RGB Percent	65%, 57%, 62%
CMY	0.3490, 0.4274, 0.3843
CMYK	0.00, 0.12, 0.05, 0.35
HSL	327°, 10%, 61%
HSV	327°, 12%, 65%
XYZ	32.0906, 31.0991, 36.2097
YIQ	153.2340, 8.3890, 7.6610

Conversions

Conversions Part 2

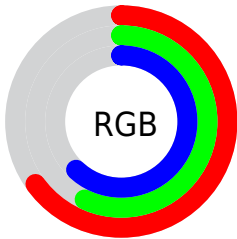
Format	Color
RYB	166, 146, 157
Decimal	10916509
CIELab	62.59, 9.41, -3.06
CIELCh	63, 9.894, 341.970
Yxy	31.0991, 0.3228, 0.3129
Android (android.graphics.Color)	4289106589 (0xFFA6929D)
YUV	153.2340, 1.8566, 11.1958
Hunter-Lab	55.7666, 5.1255, 0.5391

Details

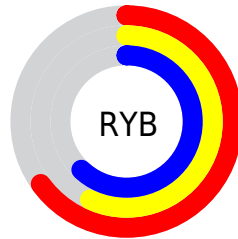
The XYZ color **32.0906, 31.0991, 36.2097** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.4079, 35.7508, 36.2573**, and the grayscale version is **30.3705, 31.9522, 34.7959**.

A 20% lighter version of the original color is **62.3567, 61.4342, 70.8588**, and **13.6332, 12.8024, 15.3882** is the 20% darker color. If you saturate the color by 10%, you get **29.0969, 26.1011, 32.1606**, and if you desaturate by 10%, it is **35.4967, 36.8585, 40.5895**.

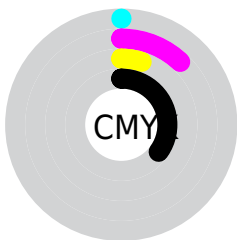
Distribution



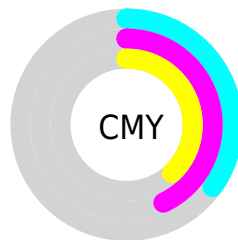
- Red (65%)
- Green (57%)
- Blue (62%)



- Red (65%)
- Yellow (57%)
- Blue (62%)



- Cyan (0%)
- Magenta (12%)
- Yellow (5%)
- Black (35%)



- Cyan (35%)
- Magenta (43%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.0906, 31.0991, 36.2097 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 32.0906, 31.0991, 36.2097 by changing the saturation by 10% instead.

■ 32.0906, 31.0991,
36.2097

■ 32.0906, 31.0991,
36.2097

303.2697,
306.9946, 344.9413

■ 21.5866, 20.6743,
24.3052

■ 62.3173, 61.3961,
70.5283

■ 13.6683, 12.8862,
15.3459

■ 82.7708, 82.0370,
93.7795

■ 7.9705, 7.3502,
8.9132

107.2714,
106.8522, 121.6500

■ 4.1277, 3.6821,
4.5886

136.1845,
136.2259, 154.5584

■ 1.7746, 1.4973,
1.9535

169.8756,
170.5427, 192.9231

■ 0.5023, 0.2869,
0.5264

208.7099,

■ 0.0000, 0.0000,

210.1867, 237.1629

0.0000

253.0528,
255.5426, 287.6961

■ 32.0906, 31.0991,
36.2097

■ 32.0906, 31.0991,
36.2097

■ 29.0969, 26.1011,
32.1606

■ 35.4967, 36.8585,
40.5895

■ 26.4963, 21.8284,
28.4312

■ 39.3281, 43.4056,
45.3065

■ 24.2718, 18.2477,
25.0127

■ 43.6006, 50.7702,
50.3695

■ 22.4042, 15.3219,
21.8952

■ 48.3282, 58.9795,
55.7864

■ 20.8725, 13.0100,
19.0678

■ 53.5244, 68.0593,
61.5648

■ 19.6533, 11.2665,
16.5191

■ 59.2020, 78.0345,
67.7120

■ 18.7200, 10.0396,
14.2360

■ 63.0317, 84.2454,
73.4545

■ 18.0412, 9.2676,
12.2041

■ 63.9805, 84.6249,
78.4508

■ 17.6270, 8.8674,
10.7458

■ 64.9733, 85.0220,
83.6788

Harmonies

Analogous

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



31.3249, 31.0991, 39.6813



32.0906, 31.0991, 36.2097



32.1655, 31.0991, 32.3464

Triad

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



32.0906, 31.0991, 36.2097



29.0248, 31.0991, 27.1114



27.6746, 31.0991, 39.0682

Complementary

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



32.0906, 31.0991, 36.2097



31.4079, 35.7508, 36.2573

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.



27.0968, 31.0991, 35.4235



32.0906, 31.0991, 36.2097



27.8603, 31.0991, 28.6407

Square

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



32.0906, 31.0991, 36.2097



30.3677, 31.0991, 27.2867



27.1637, 31.0991, 31.6173



28.7644, 31.0991, 41.4160

Rectangle

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



32.0906, 31.0991, 36.2097



31.8108, 31.0991, 30.0841



27.1637, 31.0991, 31.6173



27.4156, 31.0991, 37.9429

Sweetspot

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



32.0915, 31.1005, 36.2104



63.1073, 64.6606, 72.0043



30.6806, 30.2810, 40.3047



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.



32.0915, 31.1005, 36.2104



56.9759, 54.3184, 64.0395



31.2724, 30.7728, 31.8969



7.6972, 7.6088, 8.7228



13.6925, 6.8857, 8.4582



0.3584, 0.1776, 0.3387

Inverse Universe

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



32.0915, 31.1005, 36.2104



56.9759, 54.3184, 64.0395



32.2828, 36.1008, 40.8645



7.6972, 7.6088, 8.7228



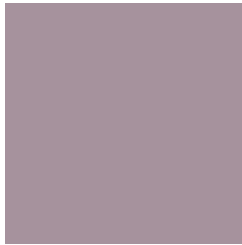
13.6925, 6.8857, 8.4582



0.3584, 0.1776, 0.3387

Previews

White Background



This preview shows how the XYZ color 32.0906, 31.0991, 36.2097 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 32.0906, 31.0991, 36.2097 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

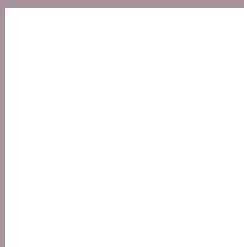
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.0906, 31.0991, 36.2097

Background



This preview shows how black text looks on a background with the XYZ color 32.0906, 31.0991, 36.2097.



This preview shows how white text looks on a background with the XYZ color 32.0906, 31.0991,

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

32.0906, 31.0991, 36.2097

Protanopia

30.3607, 31.3467, 37.7080

Deuteranopia

31.8294, 31.1943, 36.2418



Tritanopia

32.0906, 31.0991, 36.2097

Trichromacy



Original Color

32.0906, 31.0991, 36.2097

Protanomaly

30.9101, 31.1662, 37.1874

Deuteranomaly

32.0366, 31.3011, 36.2515

Tritanomaly

32.0906, 31.0991, 36.2097

Monochromacy



Original Color

32.0906, 31.0991, 36.2097

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.8396, 31.4149, 35.0101

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.0906, 31.0991, 36.2097 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, 157)` looks like.

```
.text, #text, p{  
    color:rgb(166, 146, 157)  
}
```

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, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 146, 157) }
```

Border

The CSS property to change the border of an element to XYZ 32.0906, 31.0991, 36.2097 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, 157) }
```


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

```
.border{ border-color:rgb(166, 146, 157) }
```

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, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 146, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 146, 157);  
box-shadow:4px 4px 4px 4px rgb(166, 146,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 32.0906, 31.0991, 36.2097 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, 157) }
```

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

```
.background{ background-color: rgb(166,  
146, 157) }
```

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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