

Converting Colors

XYZ(33.1906, 32.1934, 43.9998)

Have a look what the booklet for
XYZ(33.1906, 32.1934, 43.9998)
contains.

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Color

**XYZ(33.1906, 32.1934,
43.9998)**

Conversions

Conversions Part 1

Format	Color
Hex	A295AD
RGB	162, 149, 173
RGB Percent	64%, 58%, 68%
CMY	0.3647, 0.4157, 0.3216
CMYK	0.06, 0.14, 0.00, 0.32
HSL	272°, 13%, 63%
HSV	272°, 14%, 68%
XYZ	33.1906, 32.1934, 43.9998
YIQ	155.6230, 0.0440, 10.2200

Conversions

Conversions Part 2

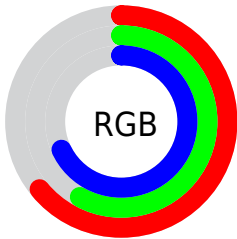
Format	Color
R_{YB}	162, 149, 173
Decimal	10655149
CIE _{Lab}	63.50, 9.41, -10.79
CIE _{LCh}	64, 14.320, 311.104
Yxy	32.1934, 0.3034, 0.2943
Android (android.graphics.Color)	4288845229 (0xFFA295AD)
YUV	155.6230, 8.5669, 5.5926
Hunter-Lab	56.7392, 5.1230, -6.2604

Details

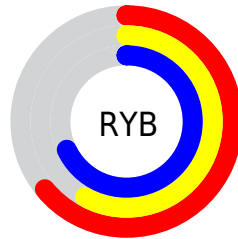
The XYZ color **33.1906, 32.1934, 43.9998** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.8667, 39.5315, 34.2280**, and the grayscale version is **31.3959, 33.0310, 35.9707**.

A 20% lighter version of the original color is **63.9748, 63.0650, 82.1997**, and **14.2493, 13.4308, 19.9306** is the 20% darker color. If you saturate the color by 10%, you get **29.0942, 26.3165, 43.0818**, and if you desaturate by 10%, it is **37.7971, 38.9386, 45.0595**.

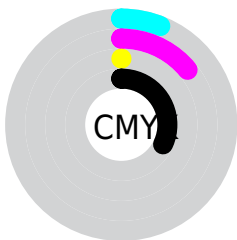
Distribution



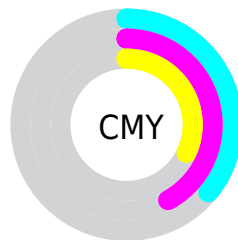
- Red (64%)
- Green (58%)
- Blue (68%)



- Red (64%)
- Yellow (58%)
- Blue (68%)



- Cyan (6%)
- Magenta (14%)
- Yellow (0%)
- Black (32%)



- Cyan (36%)
- Magenta (42%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.1906, 32.1934, 43.9998 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 33.1906, 32.1934, 43.9998 by changing the saturation by 10% instead.

■ 33.1906, 32.1934,
43.9998

■ 33.1906, 32.1934,
43.9998

308.1575,
311.9993, 378.7488

■ 22.4324, 21.5093,
30.3332

■ 64.0257, 63.1142,
82.5199

■ 14.2934, 13.4968,
19.8374

■ 84.8333, 84.1196,
108.2105

■ 8.4081, 7.7715,
12.0940

109.7214,
109.3342, 138.7461

■ 4.4111, 3.9491,
6.6844

139.0555,
139.1424, 174.5453

■ 1.9373, 1.6451,
3.1901

173.2007,
173.9286, 216.0266

■ 0.5983, 0.3877,
1.1925

212.5226,

■ 0.0000, 0.0000,

214.0773, 263.6086

0.0000

257.3864,
259.9727, 317.7098

■ 33.1906, 32.1934,
43.9998

■ 33.1906, 32.1934,
43.9998

■ 29.0942, 26.3165,
43.0818

■ 37.7971, 38.9386,
45.0595

■ 25.4852, 21.2671,
42.2974

■ 42.9294, 46.5823,
46.2643

■ 22.3436, 17.0071,
41.6407

■ 48.6060, 55.1586,
47.6205

■ 19.6466, 13.4940,
41.1048

■ 54.8437, 64.6982,
49.1331

■ 17.3692, 10.6808,
40.6818

■ 61.6583, 75.2307,
50.8069

■ 15.4837, 8.5154,
40.3632

■ 69.0652, 86.7842,
52.6466

■ 13.9586, 6.9376,
40.1391

■ 72.0698, 89.3670,
52.9868

■ 12.7562, 5.8757,
39.9975

■ 74.4913, 90.6154,
53.1001

■ 12.1288, 5.3813,
39.9351

■ 77.0277, 91.9229,
53.2188

Harmonies

Analogous

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



31.3436, 32.1934, 46.9760



33.1906, 32.1934, 43.9998



34.3734, 32.1934, 38.7326

Triad

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



33.1906, 32.1934, 43.9998



31.8580, 32.1934, 25.6529



26.9870, 32.1934, 37.2117

Complementary

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



33.1906, 32.1934, 43.9998



34.8667, 39.5315, 34.2280

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.



27.1113, 32.1934, 31.6144



33.1906, 32.1934, 43.9998



29.8660, 32.1934, 25.3404

Square

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



33.1906, 32.1934, 43.9998



33.5812, 32.1934, 28.3155



28.1457, 32.1934, 27.4097



27.7985, 32.1934, 42.7828

Rectangle

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



33.1906, 32.1934, 43.9998



34.5965, 32.1934, 34.8419



28.1457, 32.1934, 27.4097



26.9217, 32.1934, 35.2652

Sweetspot

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



33.1916, 32.1948, 44.0005



67.5192, 69.4809, 80.6583



32.5439, 34.6189, 44.5026



14.5351, 14.8956, 17.4967



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



33.1916, 32.1948, 44.0005



56.8292, 53.8807, 78.2106



35.4476, 33.3667, 43.7032



7.9777, 7.9628, 10.0692



8.9768, 3.9876, 29.3411



0.3119, 0.1430, 0.8191

Inverse Universe

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



34.3273, 32.9186, 37.8038



59.3443, 55.4824, 64.5432



32.8281, 38.4731, 34.4671



8.1522, 8.0741, 9.1122



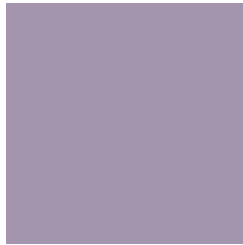
13.7336, 6.9560, 6.2425



0.4099, 0.2046, 0.3201

Previews

White Background



This preview shows how the XYZ color 33.1906, 32.1934, 43.9998 looks on a white background.

Color Contrast Check

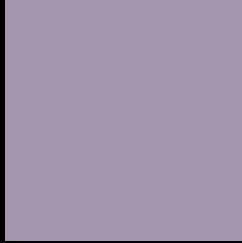
Large Text (above 18pt) WCAG AA × Fail

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 33.1906, 32.1934, 43.9998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

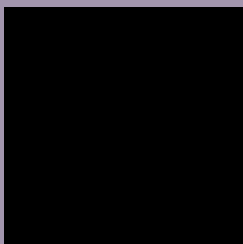
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

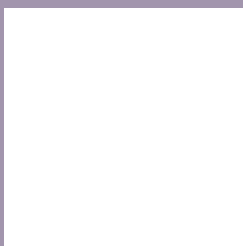
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.1906, 32.1934, 43.9998

Background



This preview shows how black text looks on a background with the XYZ color 33.1906, 32.1934, 43.9998.



This preview shows how white text looks on a background with the XYZ color 33.1906, 32.1934,

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

33.1906, 32.1934, 43.9998

Protanopia

31.7068, 32.3616, 45.1327

Deuteranopia

32.9464, 32.3034, 44.0339



Tritanopia

32.1747, 32.2511, 39.1796

Trichromacy



Original Color

33.1906, 32.1934, 43.9998

Protanomaly

32.1946, 32.3825, 44.5980

Deuteranomaly

33.1471, 32.4069, 44.0433

Tritanomaly

32.5793, 32.1798, 41.0534

Monochromacy



Original Color

33.1906, 32.1934, 43.9998

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

32.0134, 32.6602, 38.7992

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.1906, 32.1934, 43.9998 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(162, 149, 173)` looks like.

```
.text, #text, p{  
    color:rgb(162, 149, 173)  
}
```

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(162, 149, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 149, 173) }
```

Border

The CSS property to change the border of an element to XYZ 33.1906, 32.1934, 43.9998 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(162, 149, 173) }
```


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

```
.border{ border-color:rgb(162, 149, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 149, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 149, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 149, 173);  
box-shadow:4px 4px 4px 4px rgb(162, 149,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 33.1906, 32.1934, 43.9998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 149, 173) }
```

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

```
.background{ background-color: rgb(162,  
149, 173) }
```

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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