

Converting Colors

XYZ(34.0601, 32.9643, 40.1649)

Have a look what the booklet for
XYZ(34.0601, 32.9643, 40.1649)
contains.

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Color

**XYZ(34.0601, 32.9643,
40.1649)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | A996A5 |
| RGB | 169, 150, 165 |
| RGB Percent | 66%, 59%, 65% |
| CMY | 0.3372, 0.4117, 0.3529 |
| CMYK | 0.00, 0.11, 0.02, 0.34 |
| HSL | 313°, 10%, 63% |
| HSV | 313°, 11%, 66% |
| XYZ | 34.0601, 32.9643, 40.1649 |
| YIQ | 157.3910, 6.5090, 8.6930 |

Conversions

Conversions Part 2

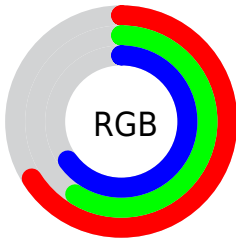
| Format | Color |
|-------------------------------------|---|
| RYB | 169, 150, 165 |
| Decimal | 11114149 |
| CIELab | 64.13, 9.75, -5.28 |
| CIELCh | 64, 11.086, 331.570 |
| Yxy | 32.9643, 0.3178, 0.3075 |
| Android (android.graphics.Color) | 4289304229 (0xFFA996A5) |
| YUV | 157.3910, 3.7512, 10.1811 |
| Hunter-Lab | 57.4145, 5.4163, -1.2867 |

Details

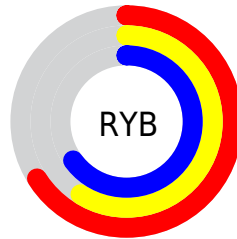
The XYZ color **34.0601, 32.9643, 40.1649** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.5997, 37.1941, 36.0346**, and the grayscale version is **32.2063, 33.8835, 36.8992**.

A 20% lighter version of the original color is **65.2516, 64.2003, 76.6629**, and **14.7786, 13.8978, 17.5264** is the 20% darker color. If you saturate the color by 10%, you get **31.2363, 27.8275, 37.6480**, and if you desaturate by 10%, it is **37.2838, 38.8855, 42.8603**.

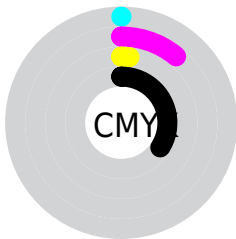
Distribution



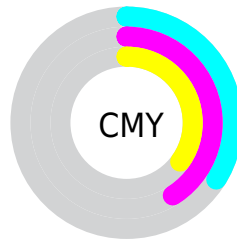
- Red (66%)
- Green (59%)
- Blue (65%)



- Red (66%)
- Yellow (59%)
- Blue (65%)



- Cyan (0%)
- Magenta (11%)
- Yellow (2%)
- Black (34%)



- Cyan (34%)
- Magenta (41%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.0601, 32.9643, 40.1649 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 34.0601, 32.9643, 40.1649 by changing the saturation by 10% instead.

■ 34.0601, 32.9643,
40.1649

■ 34.0601, 32.9643,
40.1649

311.9812,
315.4888, 362.3908

■ 23.1029, 22.0991,
27.3524

■ 65.3708, 64.3198,
76.6544

■ 14.7906, 13.9297,
17.6033

■ 86.4550, 85.5789,
101.1684

■ 8.7579, 8.0718,
10.4990

111.6455,
111.0714, 130.4200

■ 4.6395, 4.1409,
5.6212

141.3078,
141.1817, 164.8278

■ 2.0699, 1.7527,
2.5511

175.8071,
176.2942, 204.8102

■ 0.6728, 0.4574,
0.8670

215.5089,

■ 0.0000, 0.0000,

216.7933, 250.7858

0.0000

260.7785,
263.0634, 303.1732

■ 34.0601, 32.9643,
40.1649

■ 34.0601, 32.9643,
40.1649

■ 31.2363, 27.8275,
37.6480

■ 37.2838, 38.8855,
42.8603

■ 28.7929, 23.4376,
35.3016

■ 40.9201, 45.6179,
45.7378

■ 26.7130, 19.7604,
33.1202

■ 44.9848, 53.1925,
48.8032

■ 24.9772, 16.7575,
31.0968

■ 49.4920, 61.6372,
52.0616

■ 23.5646, 14.3869,
29.2242

■ 54.4550, 70.9788,
55.5178

■ 22.4515, 12.6016,
27.4942

■ 59.8867, 81.2428,
59.1765

■ 21.6113, 11.3484,
25.8973

■ 61.4071, 83.6690,
61.5779

■ 21.0123, 10.5640,
24.4227

■ 61.8007, 83.8264,
63.6505

■ 20.6248, 10.1401,
23.2110

■ 62.2038, 83.9877,
65.7735

Harmonies

Analogous

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



32.9377, 32.9643, 43.7683



34.0601, 32.9643, 40.1649



34.4450, 32.9643, 35.6563

Triad

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



34.0601, 32.9643, 40.1649



31.2490, 32.9643, 27.9302



28.8309, 32.9643, 40.6085

Complementary

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



34.0601, 32.9643, 40.1649



32.5997, 37.1941, 36.0346

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.



28.4117, 32.9643, 36.1298



34.0601, 32.9643, 40.1649



29.7786, 32.9643, 29.0232

Square

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



34.0601, 32.9643, 40.1649



32.7899, 32.9643, 28.8182



28.7528, 32.9643, 31.9344



29.9172, 32.9643, 44.0391

Rectangle

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



34.0601, 32.9643, 40.1649



34.2216, 32.9643, 32.8090



28.7528, 32.9643, 31.9344



28.6090, 32.9643, 39.1635

Sweetspot

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



34.0611, 32.9657, 40.1656



65.6716, 67.6124, 75.8604



31.3575, 31.5293, 41.9698



14.2111, 14.5478, 16.4499



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.



34.0611, 32.9657, 40.1656



59.9370, 57.0963, 71.0102



33.2451, 32.6393, 35.8686



7.7732, 7.6392, 9.1231



15.3913, 7.5652, 17.4037



0.3910, 0.1907, 0.5105

Inverse Universe

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



34.0611, 32.9657, 40.1656



59.9370, 57.0963, 71.0102



33.4046, 37.5160, 40.2731



7.7732, 7.6392, 9.1231



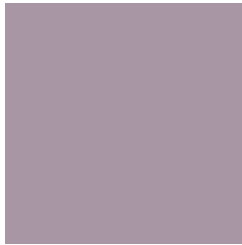
15.3913, 7.5652, 17.4037



0.3910, 0.1907, 0.5105

Previews

White Background



This preview shows how the XYZ color 34.0601, 32.9643, 40.1649 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 34.0601, 32.9643, 40.1649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

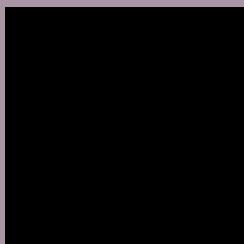
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.0601, 32.9643, 40.1649

Background



This preview shows how black text looks on a background with the XYZ color 34.0601, 32.9643, 40.1649.



This preview shows how white text looks on a background with the XYZ color 34.0601, 32.9643,

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

34.0601, 32.9643, 40.1649

Protanopia

32.3068, 33.2384, 41.7587

Deuteranopia

33.5840, 32.9568, 40.1885



Tritanopia

33.7901, 32.8563, 38.7434

Trichromacy



Original Color

34.0601, 32.9643, 40.1649

Protanomaly

32.8635, 33.0461, 41.2057

Deuteranomaly

33.7945, 33.0653, 40.1984

Tritanomaly

33.8794, 32.8921, 39.2135

Monochromacy



Original Color

34.0601, 32.9643, 40.1649

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

32.5987, 33.2263, 37.9529

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.0601, 32.9643, 40.1649 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(169, 150, 165)` looks like.

```
.text, #text, p{  
    color:rgb(169, 150, 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(169, 150, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 150, 165) }
```

Border

The CSS property to change the border of an element to XYZ 34.0601, 32.9643, 40.1649 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(169, 150, 165) }
```


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

```
.border{ border-color:rgb(169, 150, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 150, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 150, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 150, 165);  
box-shadow:4px 4px 4px 4px rgb(169, 150,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 34.0601, 32.9643, 40.1649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 150, 165) }
```

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

```
.background{ background-color: rgb(169,  
150, 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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