

Converting Colors

XYZ(33.6403, 34.7135, 41.1999)

Have a look what the booklet for
XYZ(33.6403, 34.7135, 41.1999)
contains.

XYZ(33.6070, 34.6805, 40.9991)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(33.6070, 34.6805,
40.9991)**

Conversions

Conversions Part 1

Format	Color
Hex	A09EA6
RGB	160, 158, 166
RGB Percent	63%, 62%, 65%
CMY	0.3725, 0.3804, 0.3490
CMYK	0.04, 0.05, 0.00, 0.35
HSL	255°, 4%, 64%
HSV	255°, 5%, 65%
XYZ	33.6070, 34.6805, 40.9991
YIQ	159.5100, -1.3760, 2.9120

Conversions

Conversions Part 2

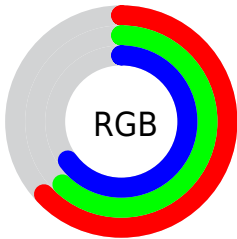
Format	Color
RYB	160, 158, 166
Decimal	10526374
CIELab	65.50, 2.27, -3.91
CIELCh	65, 4.520, 300.201
Yxy	34.6805, 0.3075, 0.3173
Android (android.graphics.Color)	4288716454 (0xFFA09EA6)
YUV	159.5100, 3.1996, 0.4297
Hunter-Lab	58.8902, -1.1927, -0.0544

Details

The XYZ color **33.6070, 34.6805, 40.9991** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.1189, 37.6345, 37.7627**, and the grayscale version is **33.1753, 34.9030, 38.0094**.

A 20% lighter version of the original color is **64.8697, 67.2560, 77.9693**, and **14.6016, 14.9815, 18.0417** is the 20% darker color. If you saturate the color by 10%, you get **28.5985, 28.1760, 40.0081**, and if you desaturate by 10%, it is **39.2495, 42.0815, 42.1308**.

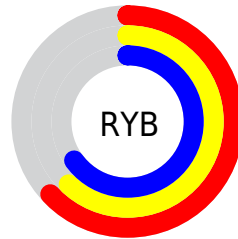
Distribution



Red (63%)

Green (62%)

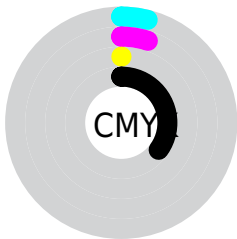
Blue (65%)



Red (63%)

Yellow (62%)

Blue (65%)

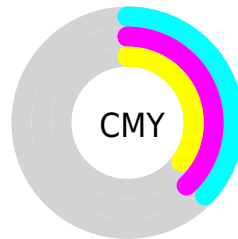


Cyan (4%)

Magenta (5%)

Yellow (0%)

Black (35%)



Cyan (37%)

Magenta (38%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.6070, 34.6805, 40.9991 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 33.6070, 34.6805, 40.9991 by changing the saturation by 10% instead.

■ 33.6070, 34.6805,
40.9991

■ 33.6070, 34.6805,
40.9991

309.9930,
323.1558, 365.9934

■ 22.7533, 23.4169,
27.9987

■ 64.6704, 66.9905,
77.9362

■ 14.5311, 14.9016,
18.0856

■ 85.6108, 88.8057,
102.7099

■ 8.5752, 8.7504,
10.8414

110.6442,
114.9068, 132.2452

■ 4.5200, 4.5787,
5.8475

140.1359,
145.6783, 166.9605

■ 2.0003, 2.0023,
2.6853

174.4513,
181.5046, 207.2745

■ 0.6341, 0.6088,
0.9360

213.9557,

■ 0.0000, 0.0000,

222.7700, 253.6056

0.0000

259.0145,
269.8589, 306.3724

■ 33.6070, 34.6805,
40.9991

■ 33.6070, 34.6805,
40.9991

■ 28.5985, 28.1760,
40.0081

■ 39.2495, 42.0815,
42.1308

■ 24.1984, 22.5294,
39.1501

■ 45.5442, 50.4070,
43.4060

■ 20.3838, 17.7057,
38.4201

■ 52.5126, 59.6891,
44.8303

■ 17.1292, 13.6658,
37.8119

■ 60.1742, 69.9571,
46.4085

■ 14.4072, 10.3675,
37.3187

■ 68.5475, 81.2392,
48.1448

■ 12.1879, 7.7644,
36.9332

■ 76.8140, 91.8890,
49.7647

■ 10.4381, 5.8047,
36.6472

■ 81.0648, 94.0804,
49.9637

■ 9.1207, 4.4293,
36.4511

■ 83.8830, 95.5332,
50.0955

■ 8.1912, 3.5662,
36.3335

Harmonies

Analogous

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



32.9672, 34.6805, 41.5238



33.6070, 34.6805, 40.9991



34.0793, 34.6805, 39.6013

Triad

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



33.6070, 34.6805, 40.9991



33.5992, 34.6805, 34.6863



31.7066, 34.6805, 37.7739

Complementary

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



33.6070, 34.6805, 40.9991



35.1189, 37.6345, 37.7627

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.



31.8709, 34.6805, 35.9789



33.6070, 34.6805, 40.9991



32.9583, 34.6805, 34.2330

Square

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



33.6070, 34.6805, 40.9991



34.0748, 34.6805, 35.9576



32.3268, 34.6805, 34.6984



31.8752, 34.6805, 39.6241

Rectangle

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



33.6070, 34.6805, 40.9991



34.2326, 34.6805, 38.3848



32.3268, 34.6805, 34.6984



31.7247, 34.6805, 37.1443

Sweetspot

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



33.6080, 34.6820, 40.9999



64.7468, 67.8511, 75.1593



34.2840, 36.6220, 41.3387



14.5020, 15.2007, 16.8218



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.



33.6080, 34.6820, 40.9999



59.7543, 61.3257, 74.1629



34.3933, 35.0868, 41.0366



7.6345, 7.8219, 9.5257



6.0981, 2.5271, 28.1419



0.1936, 0.0848, 0.6868

Inverse Universe

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



34.6548, 35.2426, 40.0998



62.1474, 62.6077, 72.0944



34.3328, 37.2292, 37.7260



7.9614, 7.9971, 9.2427



15.0619, 7.4335, 15.6692



0.3851, 0.1883, 0.4795

Previews

White Background



This preview shows how the XYZ color 33.6070, 34.6805, 40.9991 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 33.6070, 34.6805, 40.9991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

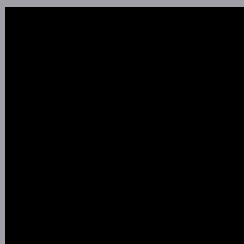
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

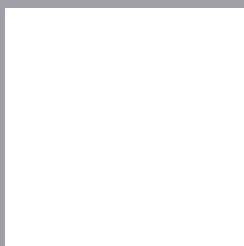
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.6070, 34.6805, 40.9991

Background



This preview shows how black text looks on a background with the XYZ color 33.6070, 34.6805, 40.9991.



This preview shows how white text looks on a background with the XYZ color 33.6070, 34.6805,

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

33.6070, 34.6805, 40.9991

Protanopia

33.6070, 34.6805, 40.9991

Deuteranopia

35.3252, 34.5591, 41.3680



Tritanopia

34.0106, 34.5933, 42.9148

Trichromacy



Original Color

33.6070, 34.6805, 40.9991

Protanomaly

33.6070, 34.6805, 40.9991

Deuteranomaly

34.6327, 34.4482, 41.3830

Tritanomaly

33.9163, 34.5556, 42.4184

Monochromacy



Original Color

33.6070, 34.6805, 40.9991

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

33.4169, 34.8785, 39.1534

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.6070, 34.6805, 40.9991 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(160, 158, 166)` looks like.

```
.text, #text, p{  
    color:rgb(160, 158, 166)  
}
```

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(160, 158, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 158, 166) }
```

Border

The CSS property to change the border of an element to XYZ 33.6070, 34.6805, 40.9991 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(160, 158, 166) }
```


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

```
.border{ border-color:rgb(160, 158, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 158, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 158, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 158, 166);  
box-shadow:4px 4px 4px 4px rgb(160, 158,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 33.6070, 34.6805, 40.9991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 158, 166) }
```

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

```
.background{ background-color: rgb(160,  
158, 166) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor