

Converting Colors

XYZ(34.1300, 32.9925, 43.3751)

Have a look what the booklet for
XYZ(34.1300, 32.9925, 43.3751)
contains.

XYZ(34.0786, 32.8982, 43.5836)	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(34.0786, 32.8982,
43.5836)**

Conversions

Conversions Part 1

Format	Color
Hex	A696AC
RGB	166, 150, 172
RGB Percent	65%, 59%, 67%
CMY	0.3490, 0.4117, 0.3255
CMYK	0.03, 0.13, 0.00, 0.33
HSL	284°, 12%, 63%
HSV	284°, 13%, 67%
XYZ	34.0786, 32.8982, 43.5836
YIQ	157.2920, 2.4740, 10.2340

Conversions

Conversions Part 2

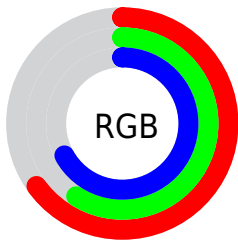
Format	Color
RYB	166, 150, 172
Decimal	10917548
CIELab	64.08, 10.04, -9.33
CIElCh	64, 13.708, 317.112
Yxy	32.8982, 0.3082, 0.2976
Android (android.graphics.Color)	4289107628 (0xFFA696AC)
YUV	157.2920, 7.2510, 7.6369
Hunter-Lab	57.3570, 5.6810, -4.9026

Details

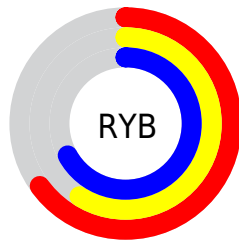
The XYZ color **34.0786, 32.8982, 43.5836** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.9690, 38.7758, 34.5499**, and the grayscale version is **32.1476, 33.8218, 36.8320**.

A 20% lighter version of the original color is **65.2768, 64.1039, 81.6059**, and **14.7914, 13.8572, 19.6644** is the 20% darker color. If you saturate the color by 10%, you get **30.5676, 27.3092, 42.6904**, and if you desaturate by 10%, it is **38.0303, 39.3142, 44.6142**.

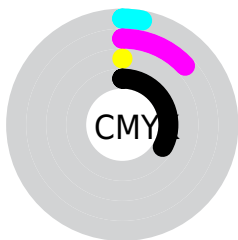
Distribution



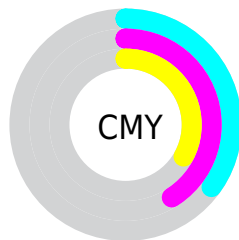
- Red (65%)
- Green (59%)
- Blue (67%)



- Red (65%)
- Yellow (59%)
- Blue (67%)



- Cyan (3%)
- Magenta (13%)
- Yellow (0%)
- Black (33%)



- Cyan (35%)
- Magenta (41%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.0786, 32.8982, 43.5836 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 34.0786, 32.8982, 43.5836 by changing the saturation by 10% instead.

■ 34.0786, 32.8982,
43.5836

■ 34.0786, 32.8982,
43.5836

312.0621,
315.1908, 376.9978

■ 23.1172, 22.0485,
30.0085

■ 65.3994, 64.2166,
81.8866

■ 14.8012, 13.8925,
19.5929

■ 86.4894, 85.4540,
107.4515

■ 8.7654, 8.0459,
11.9184

111.6863,
110.9228, 137.8502

■ 4.6444, 4.1244,
6.5662

141.3555,
141.0073, 173.5011

■ 2.0727, 1.7434,
3.1180

175.8624,
176.0920, 214.8228

■ 0.6743, 0.4515,
1.1552

215.5722,

■ 0.0000, 0.0000,

216.5612, 262.2337

0.0000

260.8503,
262.7993, 316.1526

■ 34.0786, 32.8982,
43.5836

■ 34.0786, 32.8982,
43.5836

■ 30.5676, 27.3092,
42.6904

■ 38.0303, 39.3142,
44.6142

■ 27.4766, 22.5079,
41.9265

■ 42.4365, 46.5861,
45.7856

■ 24.7873, 18.4580,
41.2866

■ 47.3142, 54.7464,
47.1036

■ 22.4790, 15.1186,
40.7636

■ 52.6783, 63.8248,
48.5732

■ 20.5290, 12.4448,
40.3503

■ 58.5433, 73.8495,
50.1991

■ 18.9121, 10.3867,
40.0383

■ 64.9229, 84.8474,
51.9856

■ 17.5992, 8.8869,
39.8180

■ 66.7175, 86.6190,
52.2330

■ 16.5559, 7.8772,
39.6781

■ 67.9803, 87.2700,
52.2921

■ 15.9167, 7.3451,
39.6091

■ 69.2818, 87.9409,
52.3530

Harmonies

Analogous

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



32.3778, 32.8982, 47.0161



34.0786, 32.8982, 43.5836



35.0428, 32.8982, 38.2534

Triad

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



34.0786, 32.8982, 43.5836



32.1071, 32.8982, 26.3939



27.8416, 32.8982, 39.0526

Complementary

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



34.0786, 32.8982, 43.5836



33.9690, 38.7758, 34.5499

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.



27.7759, 32.8982, 33.4931



34.0786, 32.8982, 43.5836



30.1853, 32.8982, 26.5603

Square

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



34.0786, 32.8982, 43.5836



33.8734, 32.8982, 28.5579



28.6178, 32.8982, 29.0388



28.8012, 32.8982, 44.2205

Rectangle

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



34.0786, 32.8982, 43.5836



35.1132, 32.8982, 34.5157



28.6178, 32.8982, 29.0388



27.7157, 32.8982, 37.1579

Sweetspot

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



34.0796, 32.8996, 43.5843



68.0269, 69.7426, 80.6820



31.9530, 33.3193, 43.7774



14.6649, 14.9625, 17.5028



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.



34.0796, 32.8996, 43.5843



60.1718, 57.0321, 78.6427



34.9172, 33.3834, 41.2765



8.1208, 8.0366, 10.0759



11.8991, 5.4941, 29.4778



0.3798, 0.1780, 0.8223

Inverse Universe

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



33.9215, 32.9851, 36.0330



59.8548, 57.2260, 62.4861



33.2282, 38.3487, 36.5598



8.0916, 8.0499, 8.7934



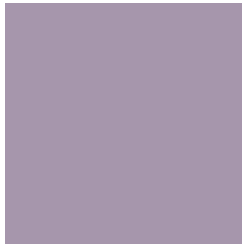
13.0615, 6.6872, 2.7034



0.3865, 0.1953, 0.1971

Previews

White Background



This preview shows how the XYZ color 34.0786, 32.8982, 43.5836 looks on a white background.

Color Contrast Check

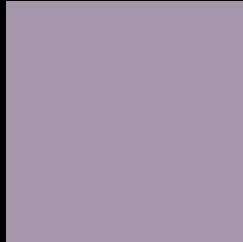
Large Text (above 18pt) WCAG AA × Fail

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 34.0786, 32.8982, 43.5836 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 34.0786, 32.8982, 43.5836

Background



This preview shows how black text looks on a background with the XYZ color 34.0786, 32.8982, 43.5836.



This preview shows how white text looks on a background with the XYZ color 34.0786, 32.8982,

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

34.0786, 32.8982, 43.5836

Protanopia

32.2424, 32.8817, 45.2049

Deuteranopia

33.6173, 32.8983, 43.6079



Tritanopia

33.1945, 32.7769, 39.2274

Trichromacy



Original Color

34.0786, 32.8982, 43.5836

Protanomaly

32.9358, 33.0066, 44.6794

Deuteranomaly

33.8228, 33.0043, 43.6175

Tritanomaly

33.4666, 32.8857, 40.6601

Monochromacy



Original Color

34.0786, 32.8982, 43.5836

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

32.5744, 33.1934, 38.8725

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.0786, 32.8982, 43.5836 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, 150, 172)` looks like.

```
.text, #text, p{  
    color:rgb(166, 150, 172)  
}
```

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, 150, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 150, 172) }
```

Border

The CSS property to change the border of an element to XYZ 34.0786, 32.8982, 43.5836 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, 150, 172) }
```


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

```
.border{ border-color:rgb(166, 150, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 150, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 150, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 150, 172);  
box-shadow:4px 4px 4px 4px rgb(166, 150,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 34.0786, 32.8982, 43.5836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 150, 172) }
```

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

```
.background{ background-color: rgb(166,  
150, 172) }
```

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