

Converting Colors

XYZ(34.7428, 34.8188, 46.0970)

Have a look what the booklet for
XYZ(34.7428, 34.8188, 46.0970)
contains.

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Color

**XYZ(34.7937, 34.9299,
45.9826)**

Conversions

Conversions Part 1

Format	Color
Hex	A29DB0
RGB	162, 157, 176
RGB Percent	64%, 62%, 69%
CMY	0.3647, 0.3843, 0.3098
CMYK	0.08, 0.11, 0.00, 0.31
HSL	256°, 11%, 65%
HSV	256°, 11%, 69%
XYZ	34.7937, 34.9299, 45.9826
YIQ	160.6610, -3.1190, 6.9690

Conversions

Conversions Part 2

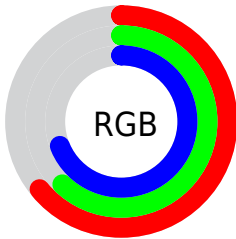
Format	Color
RYB	162, 157, 176
Decimal	10657200
CIELab	65.69, 5.55, -9.20
CIELCh	66, 10.743, 301.088
Yxy	34.9299, 0.3007, 0.3019
Android (android.graphics.Color)	4288847280 (0xFFA29DB0)
YUV	160.6610, 7.5621, 1.1743
Hunter-Lab	59.1015, 1.6572, -4.7582

Details

The XYZ color **34.7937, 34.9299, 45.9826** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.4070, 42.1438, 38.0103**, and the grayscale version is **33.6870, 35.4413, 38.5956**.

A 20% lighter version of the original color is **66.7242, 67.6649, 85.8878**, and **15.2225, 15.0783, 21.1769** is the 20% darker color. If you saturate the color by 10%, you get **29.5279, 28.1095, 44.9442**, and if you desaturate by 10%, it is **40.7624, 42.7513, 47.1782**.

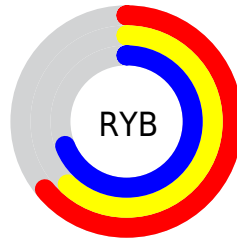
Distribution



Red (64%)

Green (62%)

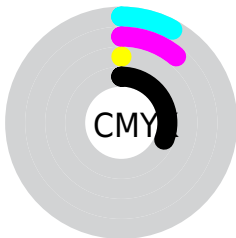
Blue (69%)



Red (64%)

Yellow (62%)

Blue (69%)

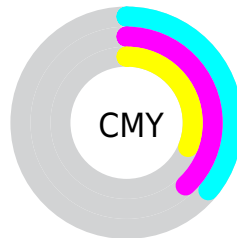


Cyan (8%)

Magenta (11%)

Yellow (0%)

Black (31%)



Cyan (36%)

Magenta (38%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.7937, 34.9299, 45.9826 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 34.7937, 34.9299, 45.9826 by changing the saturation by 10% instead.

■ 34.7937, 34.9299,
45.9826

■ 34.7937, 34.9299,
45.9826

315.1808,
324.2588, 387.0142

■ 23.6698, 23.6089,
31.8835

■ 66.5022, 67.3772,
85.5270

■ 15.2122, 15.0437,
21.0085

■ 87.8174, 89.2722,
111.8093

■ 9.0558, 8.8501,
12.9389

113.2605,
115.4607, 142.9899

■ 4.8350, 4.6435,
7.2562

143.1968,
146.3270, 179.4872

■ 2.1845, 2.0397,
3.5420

177.9916,
182.2556, 221.7197

■ 0.7346, 0.6304,
1.3776

218.0103,

■ 0.0000, 0.0000,

223.6308, 270.1060

0.1242

263.6182,
270.8371, 325.0647

■ 0.0000, 0.0000,
0.0000

■ 34.7937, 34.9299,
45.9826

■ 34.7937, 34.9299,
45.9826

■ 29.5279, 28.1095,
44.9442

■ 40.7624, 42.7513,
47.1782

■ 24.9353, 22.2449,
44.0543

■ 47.4557, 51.6075,
48.5349

■ 20.9888, 17.2939,
43.3067

■ 54.8985, 61.5364,
50.0591

■ 17.6582, 13.2097,
42.6939

■ 63.1135, 72.5726,
51.7563

■ 14.9107, 9.9409,
42.2077

■ 72.1222, 84.7489,
53.6318

■ 12.7104, 7.4308,
41.8392

■ 79.4715, 93.1488,
54.8657

■ 11.0169, 5.6150,
41.5780

■ 84.0291, 95.4984,
55.0790

■ 9.7838, 4.4180,
41.4119

■ 84.8366, 95.9146,
55.1168

■ 8.9768, 3.7224,
41.3202

Harmonies

Analogous

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



33.2576, 34.9299, 47.4139



34.7937, 34.9299, 45.9826



35.9314, 34.9299, 42.3970

Triad

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



34.7937, 34.9299, 45.9826



34.6907, 34.9299, 30.9122



30.2535, 34.9299, 38.1983

Complementary

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



34.7937, 34.9299, 45.9826



38.4070, 42.1438, 38.0103

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.



30.6103, 34.9299, 33.9787



34.7937, 34.9299, 45.9826



33.1421, 34.9299, 29.9785

Square

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



34.7937, 34.9299, 45.9826



35.8706, 34.9299, 33.7138



31.6554, 34.9299, 31.0564



30.6650, 34.9299, 42.7056

Rectangle

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



34.7937, 34.9299, 45.9826



36.2932, 34.9299, 39.3968



31.6554, 34.9299, 31.0564



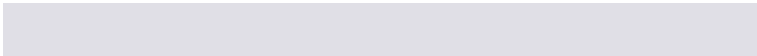
30.2874, 34.9299, 36.7005

Sweetspot

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



34.7947, 34.9314, 45.9834



71.3704, 74.1704, 85.0500



36.3524, 39.5241, 46.7878



15.2752, 15.8219, 18.3932



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



34.7947, 34.9314, 45.9834



60.6654, 60.1781, 82.9134



36.7437, 35.9361, 46.0746



8.2447, 8.3347, 10.6805



6.6345, 2.7560, 30.3193



0.2649, 0.1157, 0.9566

Inverse Universe

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



37.3134, 36.2859, 43.5671



66.1878, 63.1492, 77.5632



36.4618, 41.1411, 37.9193



8.7527, 8.6078, 10.1960



16.1035, 7.9590, 16.2370



0.5291, 0.2594, 0.6290

Previews

White Background



This preview shows how the XYZ color 34.7937, 34.9299, 45.9826 looks on a white background.

Color Contrast Check

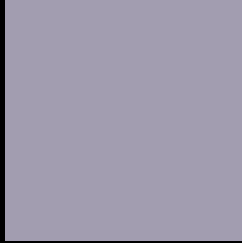
Large Text (above 18pt) WCAG AA × Fail

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 34.7937, 34.9299, 45.9826 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

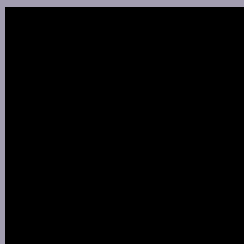
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

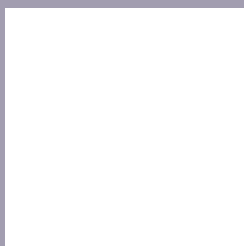
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.7937, 34.9299, 45.9826

Background



This preview shows how black text looks on a background with the XYZ color 34.7937, 34.9299, 45.9826.



This preview shows how white text looks on a background with the XYZ color 34.7937, 34.9299,

45.9826.

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

34.7937, 34.9299, 45.9826

Protanopia

34.0673, 34.7961, 46.5158

Deuteranopia

35.4942, 34.7928, 45.9192



Tritanopia

34.1805, 34.9331, 42.9715

Trichromacy



Original Color

34.7937, 34.9299, 45.9826

Protanomaly

34.4607, 34.9990, 46.5342

Deuteranomaly

35.2420, 34.9109, 45.9553

Tritanomaly

34.3712, 35.0093, 43.9756

Monochromacy



Original Color

34.7937, 34.9299, 45.9826

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.1517, 35.4719, 41.1232

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.7937, 34.9299, 45.9826 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, 157, 176)` looks like.

```
.text, #text, p{  
    color:rgb(162, 157, 176)  
}
```

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, 157, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 157, 176) }
```

Border

The CSS property to change the border of an element to XYZ 34.7937, 34.9299, 45.9826 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, 157, 176) }
```


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

```
.border{ border-color:rgb(162, 157, 176) }
```

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

Here you see how a box with a 4 pixel rgb(162, 157, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 157, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 157, 176);  
box-shadow:4px 4px 4px 4px rgb(162, 157,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 34.7937, 34.9299, 45.9826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 157, 176) }
```

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

```
.background{ background-color: rgb(162,  
157, 176) }
```

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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