

Converting Colors

XYZ(35.2227, 34.0160, 42.4673)

Have a look what the booklet for
XYZ(35.2227, 34.0160, 42.4673)
contains.

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Color

**XYZ(35.1843, 33.9790,
42.2403)**

Conversions

Conversions Part 1

Format	Color
Hex	AB98A9
RGB	171, 152, 169
RGB Percent	67%, 60%, 66%
CMY	0.3294, 0.4039, 0.3373
CMYK	0.00, 0.11, 0.01, 0.33
HSL	306°, 10%, 63%
HSV	306°, 11%, 67%
XYZ	35.1843, 33.9790, 42.2403
YIQ	159.6190, 5.8670, 9.3150

Conversions

Conversions Part 2

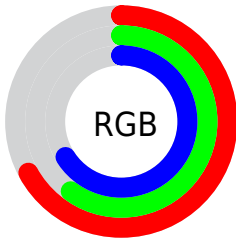
Format	Color
RYB	171, 152, 169
Decimal	11245737
CIELab	64.95, 10.11, -6.30
CIELCh	65, 11.910, 328.045
Yxy	33.9790, 0.3158, 0.3050
Android (android.graphics.Color)	4289435817 (0xFFAB98A9)
YUV	159.6190, 4.6248, 9.9811
Hunter-Lab	58.2915, 5.7311, -2.1598

Details

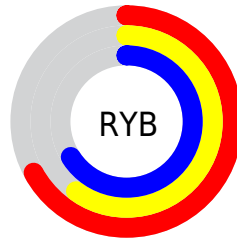
The XYZ color **35.1843, 33.9790, 42.2403** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.3459, 38.1353, 36.1771**, and the grayscale version is **33.2167, 34.9466, 38.0568**.

A 20% lighter version of the original color is **66.8899, 65.6932, 79.6756**, and **15.4723, 14.5137, 18.8156** is the 20% darker color. If you saturate the color by 10%, you get **32.4390, 28.7567, 40.4973**, and if you desaturate by 10%, it is **38.3340, 40.0055, 44.1304**.

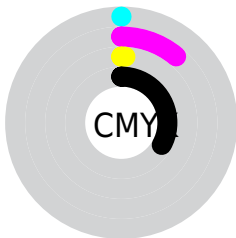
Distribution



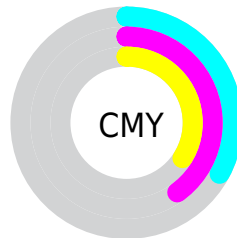
- Red (67%)
- Green (60%)
- Blue (66%)



- Red (67%)
- Yellow (60%)
- Blue (66%)



- Cyan (0%)
- Magenta (11%)
- Yellow (1%)
- Black (33%)



- Cyan (33%)
- Magenta (40%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.1843, 33.9790, 42.2403 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 35.1843, 33.9790, 42.2403 by changing the saturation by 10% instead.

■ 35.1843, 33.9790,
42.2403

■ 35.1843, 33.9790,
42.2403

316.8749,
320.0384, 371.3071

■ 23.9721, 22.8775,
28.9625

■ 67.1033, 65.9010,
79.8372

■ 15.4375, 14.5031,
18.8071

■ 88.5408, 87.4903,
104.9934

■ 9.2153, 8.4714,
11.3556

114.1174,
113.3442, 134.9461

■ 4.9401, 4.3980,
6.1894

144.1985,
143.8473, 170.1140

■ 2.2466, 1.8986,
2.8899

179.1495,
179.3839, 210.9155

■ 0.7671, 0.5475,
1.0387

219.3356,

■ 0.0000, 0.0000,

220.3383, 257.7691

0.0000

265.1223,
267.0950, 311.0935

■ 35.1843, 33.9790,
42.2403

■ 35.1843, 33.9790,
42.2403

■ 32.4390, 28.7567,
40.4973

■ 38.3340, 40.0055,
44.1304

■ 30.0782, 24.3000,
38.8935

■ 41.9012, 46.8638,
46.1708

■ 28.0845, 20.5739,
37.4235

■ 45.9021, 54.5856,
48.3673

■ 26.4382, 17.5388,
36.0806

■ 50.3510, 63.1997,
50.7248

■ 25.1176, 15.1516,
34.8576

■ 55.2617, 72.7336,
53.2478

■ 24.0987, 13.3640,
33.7464

■ 60.6472, 83.2135,
55.9409

■ 23.3540, 12.1213,
32.7379

■ 60.9576, 83.5392,
56.9540

■ 22.8511, 11.3585,
31.8211

■ 61.1444, 83.6139,
57.9377

■ 22.5443, 10.9578,
31.0621

■ 61.3336, 83.6896,
58.9341

Harmonies

Analogous

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



33.8762, 33.9790, 46.0027



35.1843, 33.9790, 42.2403



35.7155, 33.9790, 37.3214

Triad

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



35.1843, 33.9790, 42.2403



32.4090, 33.9790, 28.3152



29.4641, 33.9790, 41.6320

Complementary

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



35.1843, 33.9790, 42.2403



33.3459, 38.1353, 36.1771

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.



29.1020, 33.9790, 36.6752



35.1843, 33.9790, 42.2403



30.7658, 33.9790, 29.2513

Square

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



35.1843, 33.9790, 42.2403



34.0783, 33.9790, 29.5284



29.5703, 33.9790, 32.2073



30.5770, 33.9790, 45.6301

Rectangle

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



35.1843, 33.9790, 42.2403



35.5439, 33.9790, 34.1401



29.5703, 33.9790, 32.2073



29.2523, 33.9790, 40.0098

Sweetspot

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



35.1853, 33.9805, 42.2410



67.4993, 69.4343, 78.3555



31.8878, 32.2587, 43.0746



14.9493, 15.2861, 17.4124



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.



35.1853, 33.9805, 42.2410



61.9119, 58.7547, 74.9667



34.3342, 33.6401, 37.7595



8.3002, 8.1333, 9.8916



17.0063, 8.2651, 23.4764



0.4833, 0.2340, 0.7067

Inverse Universe

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



35.1853, 33.9805, 42.2410



61.9119, 58.7547, 74.9667



34.1598, 38.4609, 40.4630



8.3002, 8.1333, 9.8916



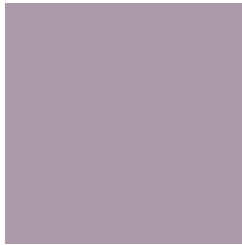
17.0063, 8.2651, 23.4764



0.4833, 0.2340, 0.7067

Previews

White Background



This preview shows how the XYZ color 35.1843, 33.9790, 42.2403 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 35.1843, 33.9790, 42.2403 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 35.1843, 33.9790, 42.2403

Background



This preview shows how black text looks on a background with the XYZ color 35.1843, 33.9790, 42.2403.



This preview shows how white text looks on a background with the XYZ color 35.1843, 33.9790,

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

35.1843, 33.9790, 42.2403

Protanopia

33.2137, 34.1604, 43.8728

Deuteranopia

34.7011, 33.9719, 42.2644



Tritanopia

34.7603, 34.0451, 40.3366

Trichromacy



Original Color

35.1843, 33.9790, 42.2403

Protanomaly

33.7700, 33.9600, 43.3031

Deuteranomaly

34.9149, 34.0821, 42.2744

Tritanomaly

34.8517, 34.0817, 40.8179

Monochromacy



Original Color

35.1843, 33.9790, 42.2403

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

33.9777, 34.6508, 39.5478

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1843, 33.9790, 42.2403 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(171, 152, 169)` looks like.

```
.text, #text, p{  
    color:rgb(171, 152, 169)  
}
```

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(171, 152, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 152, 169) }
```

Border

The CSS property to change the border of an element to XYZ 35.1843, 33.9790, 42.2403 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(171, 152, 169) }
```


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

```
.border{ border-color:rgb(171, 152, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 152, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 152, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 152, 169);  
box-shadow:4px 4px 4px 4px rgb(171, 152,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1843, 33.9790, 42.2403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 152, 169) }
```

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

```
.background{ background-color: rgb(171,  
152, 169) }
```

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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