

Converting Colors

XYZ(34.6965, 33.7287, 41.1237)

Have a look what the booklet for
XYZ(34.6965, 33.7287, 41.1237)
contains.

XYZ(34.7809, 33.7925, 41.2487)	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(34.7809, 33.7925,
41.2487)**

Conversions

Conversions Part 1

Format	Color
Hex	AA98A7
RGB	170, 152, 167
RGB Percent	67%, 60%, 65%
CMY	0.3333, 0.4039, 0.3451
CMYK	0.00, 0.11, 0.02, 0.33
HSL	310°, 10%, 63%
HSV	310°, 11%, 67%
XYZ	34.7809, 33.7925, 41.2487
YIQ	159.0920, 5.9130, 8.4810

Conversions

Conversions Part 2

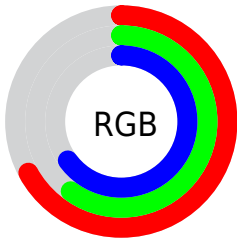
Format	Color
RYB	170, 152, 167
Decimal	11180199
CIELab	64.80, 9.37, -5.41
CIELCh	65, 10.817, 329.998
Yxy	33.7925, 0.3167, 0.3077
Android (android.graphics.Color)	4289370279 (0xFFAA98A7)
YUV	159.0920, 3.8986, 9.5663
Hunter-Lab	58.1313, 5.0696, -1.3790

Details

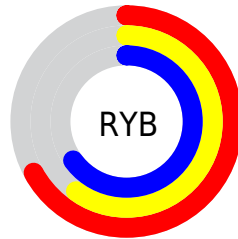
The XYZ color **34.7809, 33.7925, 41.2487** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.2413, 37.7925, 36.5548**, and the grayscale version is **32.9784, 34.6958, 37.7837**.

A 20% lighter version of the original color is **66.3075, 65.4241, 78.2406**, and **15.2194, 14.3967, 18.1964** is the 20% darker color. If you saturate the color by 10%, you get **31.9583, 28.5615, 39.0296**, and if you desaturate by 10%, it is **38.0067, 39.8196, 43.6313**.

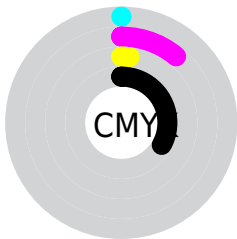
Distribution



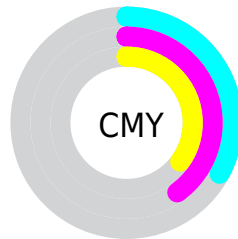
- Red (67%)
- Green (60%)
- Blue (65%)



- Red (67%)
- Yellow (60%)
- Blue (65%)



- Cyan (0%)
- Magenta (11%)
- Yellow (2%)
- Black (33%)



- Cyan (33%)
- Magenta (40%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.7809, 33.7925, 41.2487 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 34.7809, 33.7925, 41.2487 by changing the saturation by 10% instead.

■ 34.7809, 33.7925,
41.2487

■ 34.7809, 33.7925,
41.2487

315.1252,
319.2058, 367.0664

■ 23.6599, 22.7342,
28.1923

■ 66.4825, 65.6109,
78.3191

■ 15.2049, 14.3974,
18.2304

■ 87.7937, 87.1397,
103.1701

■ 9.0505, 8.3976,
10.9444

113.2324,
112.9276, 132.7897

■ 4.8315, 4.3504,
5.9157

143.1639,
143.3589, 167.5966

■ 2.1825, 1.8714,
2.7259

177.9536,
178.8180, 208.0091

■ 0.7335, 0.5311,
0.9564

217.9668,

■ 0.0000, 0.0000,

219.6892, 254.4459

0.0000

263.5689,
266.3570, 307.3255

■ 34.7809, 33.7925,
41.2487

■ 34.7809, 33.7925,
41.2487

■ 31.9583, 28.5615,
39.0296

■ 38.0067, 39.8196,
43.6313

■ 29.5192, 24.0889,
36.9661

■ 41.6485, 46.6701,
46.1807

■ 27.4465, 20.3401,
35.0528

■ 45.7222, 54.3750,
48.9027

■ 25.7208, 17.2763,
33.2829

■ 50.2420, 62.9628,
51.8023

■ 24.3210, 14.8552,
31.6492

■ 55.2215, 72.4604,
54.8842

■ 23.2234, 13.0296,
30.1437

■ 60.6735, 82.8937,
58.1527

■ 22.4010, 11.7458,
28.7572

■ 61.2904, 83.6472,
59.8389

■ 21.8224, 10.9405,
27.4789

■ 61.5965, 83.7697,
61.4511

■ 21.4349, 10.4890,
26.3526

■ 61.9087, 83.8945,
63.0950

Harmonies

Analogous

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



33.6384, 33.7925, 44.7277



34.7809, 33.7925, 41.2487



35.2055, 33.7925, 36.7946

Triad

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



34.7809, 33.7925, 41.2487



32.1189, 33.7925, 28.8714



29.5959, 33.7925, 41.2482

Complementary

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



34.7809, 33.7925, 41.2487



33.2413, 37.7925, 36.5548

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.



29.2179, 33.7925, 36.7940



34.7809, 33.7925, 41.2487



30.6456, 33.7925, 29.8593

Square

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



34.7809, 33.7925, 41.2487



33.6386, 33.7925, 29.8595



29.5960, 33.7925, 32.6727



30.6454, 33.7925, 44.7273

Rectangle

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



34.7809, 33.7925, 41.2487



35.0140, 33.7925, 33.9402



29.5960, 33.7925, 32.6727



29.3877, 33.7925, 39.8041

Sweetspot

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



34.7819, 33.7940, 41.2494



67.4449, 69.4125, 78.0687



32.0029, 32.3289, 42.5843



14.9340, 15.2800, 17.3319



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.



34.7819, 33.7940, 41.2494



61.6802, 58.6620, 73.7463



33.9785, 33.4726, 37.0191



7.7874, 7.6448, 9.1977



15.7851, 7.7228, 19.4776



0.3979, 0.1934, 0.5466

Inverse Universe

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



34.7819, 33.7940, 41.2494



61.6802, 58.6620, 73.7463



34.0256, 38.1062, 40.6849



7.7874, 7.6448, 9.1977



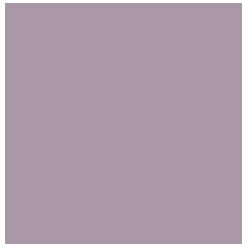
15.7851, 7.7228, 19.4776



0.3979, 0.1934, 0.5466

Previews

White Background



This preview shows how the XYZ color 34.7809, 33.7925, 41.2487 looks on a white background.

Color Contrast Check

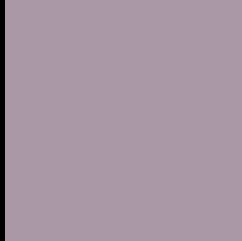
Large Text (above 18pt) WCAG AA × Fail

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 34.7809, 33.7925, 41.2487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

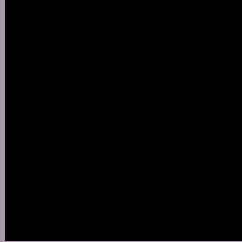
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.7809, 33.7925, 41.2487

Background



This preview shows how black text looks on a background with the XYZ color 34.7809, 33.7925, 41.2487.



This preview shows how white text looks on a background with the XYZ color 34.7809, 33.7925,

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

34.7809, 33.7925, 41.2487

Protanopia

32.8545, 33.7471, 42.8124

Deuteranopia

34.5147, 33.8973, 41.2829



Tritanopia

34.5066, 33.6829, 39.8047

Trichromacy



Original Color

34.7809, 33.7925, 41.2487

Protanomaly

33.5807, 33.8843, 42.3066

Deuteranomaly

34.7285, 34.0075, 41.2929

Tritanomaly

34.5973, 33.7191, 40.2823

Monochromacy



Original Color

34.7809, 33.7925, 41.2487

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

33.5143, 34.1721, 39.0119

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.7809, 33.7925, 41.2487 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(170, 152, 167)` looks like.

```
.text, #text, p{  
    color:rgb(170, 152, 167)  
}
```

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(170, 152, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 152, 167) }
```

Border

The CSS property to change the border of an element to XYZ 34.7809, 33.7925, 41.2487 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(170, 152, 167) }
```


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

```
.border{ border-color:rgb(170, 152, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 152, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 152, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 152, 167);  
box-shadow:4px 4px 4px 4px rgb(170, 152,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 34.7809, 33.7925, 41.2487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 152, 167) }
```

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

```
.background{ background-color: rgb(170,  
152, 167) }
```

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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