

Converting Colors

XYZ(42.3793, 34.7306, 32.0738)

Have a look what the booklet for
XYZ(42.3793, 34.7306, 32.0738)
contains.

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Color

**XYZ(42.3793, 34.7306,
32.0738)**

Conversions

Conversions Part 1

Format	Color
Hex	D78A93
RGB	215, 138, 147
RGB Percent	84%, 54%, 58%
CMY	0.1569, 0.4588, 0.4235
CMYK	0.00, 0.36, 0.32, 0.16
HSL	353°, 49%, 69%
HSV	353°, 36%, 84%
XYZ	42.3793, 34.7306, 32.0738
YIQ	162.0490, 43.0030, 19.1230

Conversions

Conversions Part 2

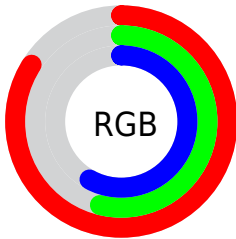
Format	Color
R _Y B	215, 138, 147
Decimal	14125715
CIE Lab	65.54, 30.52, 7.51
CIE LCh	66, 31.433, 13.822
Yxy	34.7306, 0.3881, 0.3181
Android (android.graphics.Color)	4292315795 (0xFFD78A93)
YUV	162.0490, -7.4192, 46.4380
Hunter-Lab	58.9327, 25.2296, 8.9846

Details

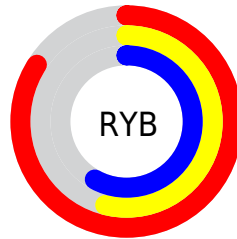
The XYZ color **42.3793, 34.7306, 32.0738** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.9238, 58.4613, 67.2593**, and the grayscale version is **34.3860, 36.1767, 39.3965**.

A 20% lighter version of the original color is **70.6323, 63.1763, 63.7299**, and **19.6664, 14.9486, 13.1581** is the 20% darker color. If you saturate the color by 10%, you get **38.2254, 28.6136, 23.9348**, and if you desaturate by 10%, it is **47.3916, 42.1704, 41.7131**.

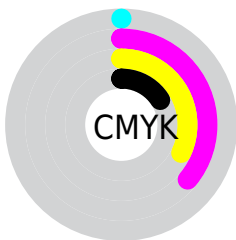
Distribution



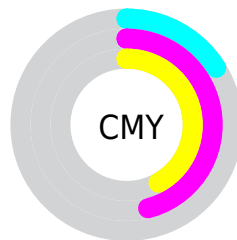
- Red (84%)
- Green (54%)
- Blue (58%)



- Red (84%)
- Yellow (54%)
- Blue (58%)



- Cyan (0%)
- Magenta (36%)
- Yellow (32%)
- Black (16%)





- Cyan (16%)
- Magenta (46%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.3793, 34.7306, 32.0738 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 42.3793, 34.7306, 32.0738 by changing the saturation by 10% instead.


 42.3793, 34.7306,
32.0738


 42.3793, 34.7306,
32.0738


347.0178,
323.3776, 325.9584


 29.5908, 23.4554,
21.1526


 78.0349, 67.0682,
64.0260

 19.6747, 14.9302,
13.0433


 101.6328, 88.8994,
85.8941

 12.2657, 8.7704,
7.3273


 129.5645,
115.0181, 112.2482

 6.9984, 4.5917,
3.5861

162.1953,
145.8087, 143.5069

 3.5074, 2.0098,
1.4011

199.8907,
181.6556, 180.0888

 1.4274, 0.6131,
0.1426

243.0161,

 0.2756, 0.0000,

222.9431, 222.4123

0.0000

291.9366,
270.0556, 270.8959

■ 0.0000, 0.0000,
0.0000

■ 42.3793, 34.7306,
32.0738

■ 42.3793, 34.7306,
32.0738

■ 38.2254, 28.6136,
23.9348

■ 47.3916, 42.1704,
41.7131

■ 34.8788, 23.7372,
17.2184

■ 53.3040, 50.9990,
52.9207

■ 32.2873, 20.0177,
11.8431

■ 60.1587, 61.2838,
65.7632

■ 30.3915, 17.3591,
7.7182

■ 67.9946, 73.0867,
80.3026

■ 29.1228, 15.6499,
4.7417

■ 76.8483, 86.4656,
96.5977

■ 28.3977, 14.7528,
2.7950

■ 81.8344, 93.1871,
108.2815

■ 28.2012, 14.5178,
2.2423

Harmonies

Analogous

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



42.2680, 34.7306, 45.3326



42.3793, 34.7306, 32.0738



39.8218, 34.7306, 22.8311

Triad

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



42.3793, 34.7306, 32.0738



27.2497, 34.7306, 22.3082



30.6036, 34.7306, 67.7821

Complementary

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



42.3793, 34.7306, 32.0738



45.9238, 58.4613, 67.2593

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.



27.0237, 34.7306, 58.2385



42.3793, 34.7306, 32.0738



25.2140, 34.7306, 31.1794

Square

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



42.3793, 34.7306, 32.0738



30.9394, 34.7306, 18.1455



25.1353, 34.7306, 44.2050



35.1718, 34.7306, 68.1813

Rectangle

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



42.3793, 34.7306, 32.0738



37.0739, 34.7306, 19.3143



25.1353, 34.7306, 44.2050



29.2552, 34.7306, 65.4523

Sweetspot

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



42.3802, 34.7323, 32.0745



83.0103, 81.8968, 86.4628



46.4587, 36.0262, 68.7953



17.4762, 17.0922, 17.9600



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



42.3802, 34.7323, 32.0745



57.6044, 44.0921, 37.8948



46.2916, 43.6409, 30.0306



12.4817, 12.4442, 13.2108



16.8878, 8.6915, 1.4475



1.0387, 0.5323, 0.1934

Inverse Universe

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



42.3802, 34.7323, 32.0745



57.6044, 44.0921, 37.8948



40.4693, 45.7527, 70.9884



12.4817, 12.4442, 13.2108



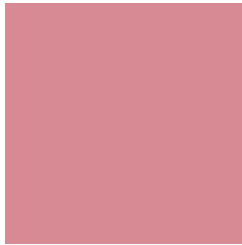
16.8878, 8.6915, 1.4475



1.0387, 0.5323, 0.1934

Previews

White Background



This preview shows how the XYZ color 42.3793, 34.7306, 32.0738 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 42.3793, 34.7306, 32.0738 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

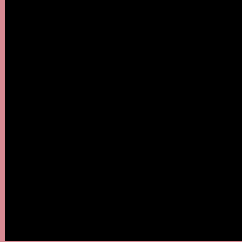
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.3793, 34.7306, 32.0738

Background



This preview shows how black text looks on a background with the XYZ color 42.3793, 34.7306, 32.0738.



This preview shows how white text looks on a background with the XYZ color 42.3793, 34.7306,

32.0738.

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

42.3793, 34.7306, 32.0738

Protanopia

33.6739, 35.0514, 37.3385

Deuteranopia

35.6457, 34.9486, 31.2526



Tritanopia

42.4581, 34.7621, 32.4890

Trichromacy



Original Color

42.3793, 34.7306, 32.0738

Protanomaly

36.1907, 34.4114, 35.3065

Deuteranomaly

37.6931, 34.5616, 31.4725

Tritanomaly

42.4581, 34.7621, 32.4890

Monochromacy



Original Color

42.3793, 34.7306, 32.0738

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

36.5331, 35.0405, 36.7363

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.3793, 34.7306, 32.0738 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(215, 138, 147)` looks like.

```
.text, #text, p{  
    color:rgb(215, 138, 147)  
}
```

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(215, 138, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 138, 147) }
```

Border

The CSS property to change the border of an element to XYZ 42.3793, 34.7306, 32.0738 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(215, 138, 147) }
```


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

```
.border{ border-color:rgb(215, 138, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 138, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 138, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 138, 147);  
box-shadow:4px 4px 4px 4px rgb(215, 138,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 42.3793, 34.7306, 32.0738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 138, 147) }
```

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

```
.background{ background-color: rgb(215,  
138, 147) }
```

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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