

Converting Colors

XYZ(42.0167, 34.6806, 32.7098)

Have a look what the booklet for
XYZ(42.0167, 34.6806, 32.7098)
contains.

XYZ(42.0980, 34.7813, 32.9284)	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(42.0980, 34.7813,
32.9284)**

Conversions

Conversions Part 1

Format	Color
Hex	D58B95
RGB	213, 139, 149
RGB Percent	84%, 55%, 58%
CMY	0.1647, 0.4549, 0.4157
CMYK	0.00, 0.35, 0.30, 0.16
HSL	352°, 47%, 69%
HSV	352°, 35%, 84%
XYZ	42.0980, 34.7813, 32.9284
YIQ	162.2660, 40.8940, 18.7980

Conversions

Conversions Part 2

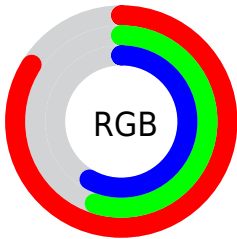
Format	Color
R _Y B	213, 139, 149
Decimal	13994901
CIE Lab	65.58, 29.50, 6.41
CIE LCh	66, 30.192, 12.250
Yxy	34.7813, 0.3834, 0.3167
Android (android.graphics.Color)	4292184981 (0xFFD58B95)
YUV	162.2660, -6.5401, 44.4937
Hunter-Lab	58.9757, 24.2094, 8.1791

Details

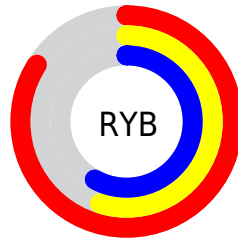
The XYZ color **42.0980, 34.7813, 32.9284** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.2228, 57.3901, 65.1968**, and the grayscale version is **34.4845, 36.2803, 39.5093**.

A 20% lighter version of the original color is **71.0895, 63.7117, 65.0507**, and **19.4046, 14.9292, 13.4142** is the 20% darker color. If you saturate the color by 10%, you get **37.9526, 28.6611, 24.8550**, and if you desaturate by 10%, it is **47.0788, 42.1996, 42.4289**.

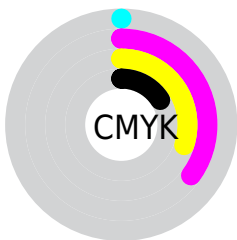
Distribution



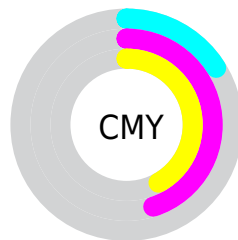
- Red (84%)
- Green (55%)
- Blue (58%)



- Red (84%)
- Yellow (55%)
- Blue (58%)



- Cyan (0%)
- Magenta (35%)
- Yellow (30%)
- Black (16%)





- Cyan (16%)
- Magenta (45%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.0980, 34.7813, 32.9284 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 42.0980, 34.7813, 32.9284 by changing the saturation by 10% instead.


 42.0980, 34.7813,
32.9284


 42.0980, 34.7813,
32.9284

345.8737,
323.6019, 329.9491


 29.3695, 23.4945,
21.8009

 77.6122, 67.1468,
65.3785

 19.5062, 14.9590,
13.5138


 101.1285, 88.9943,
87.5381

 12.1428, 8.7906,
7.6484


 128.9715,
115.1308, 114.2123

 6.9139, 4.6049,
3.7863

161.5065,
145.9406, 145.8194

 3.4542, 2.0174,
1.5088

199.0989,
181.8083, 182.7781

 1.3982, 0.6175,
0.2245

242.1140,

 0.2550, 0.0000,

223.1181, 225.5070

0.0000

290.9171,
270.2546, 274.4244

0.0000, 0.0000,
0.0000

42.0980, 34.7813,
32.9284

42.0980, 34.7813,
32.9284

37.9526, 28.6611,
24.8550

47.0788, 42.1996,
42.4289

34.5939, 23.7594,
18.1374

52.9345, 50.9794,
53.4189

31.9723, 19.9960,
12.7014

59.7057, 61.1860,
65.9594

30.0314, 17.2787,
8.4646

67.4294, 72.8792,
80.1077

28.7066, 15.5009,
5.3351

76.1406, 86.1151,
95.9178

■ 27.9201, 14.5332,
3.2069

■ 81.2506, 92.8862,
108.2542

■ 27.6596, 14.2337,
2.4373

Harmonies

Analogous

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



41.8500, 34.7813, 45.8030



42.0980, 34.7813, 32.9284



39.7710, 34.7813, 23.7261

Triad

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



42.0980, 34.7813, 32.9284



27.6572, 34.7813, 22.5351



30.5299, 34.7813, 66.1699

Complementary

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



42.0980, 34.7813, 32.9284



45.2228, 57.3901, 65.1968

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.



27.1474, 34.7813, 56.7491



42.0980, 34.7813, 32.9284



25.5936, 34.7813, 30.9119

Square

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



42.0980, 34.7813, 32.9284



31.2845, 34.7813, 18.6882



25.4157, 34.7813, 43.2848



34.8985, 34.7813, 67.0524

Rectangle

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



42.0980, 34.7813, 32.9284



37.1841, 34.7813, 20.1284



25.4157, 34.7813, 43.2848



29.2501, 34.7813, 63.8136

Sweetspot

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



42.0989, 34.7830, 32.9291



84.0979, 83.4558, 88.7254



45.5740, 35.8137, 67.4616



17.6958, 17.4040, 18.4260



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.



42.0989, 34.7830, 32.9291



58.3685, 45.0302, 39.9692



45.5390, 42.8859, 30.3059



12.4909, 12.4478, 13.2592



16.9174, 8.7033, 1.6030



1.0431, 0.5340, 0.2163

Inverse Universe

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



42.0989, 34.7830, 32.9291



58.3685, 45.0302, 39.9692



40.4506, 45.8775, 69.6742



12.4909, 12.4478, 13.2592



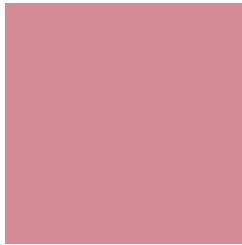
16.9174, 8.7033, 1.6030



1.0431, 0.5340, 0.2163

Previews

White Background



This preview shows how the XYZ color 42.0980, 34.7813, 32.9284 looks on a white background.

Color Contrast Check

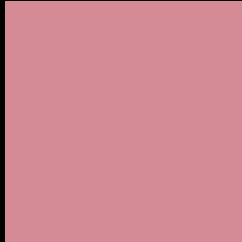
Large Text (above 18pt) WCAG AA × Fail

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 42.0980, 34.7813, 32.9284 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

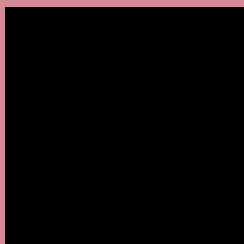
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.0980, 34.7813, 32.9284

Background



This preview shows how black text looks on a background with the XYZ color 42.0980, 34.7813, 32.9284.



This preview shows how white text looks on a background with the XYZ color 42.0980, 34.7813,

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

42.0980, 34.7813, 32.9284

Protanopia

33.6436, 35.0157, 38.2432

Deuteranopia

35.5663, 34.8898, 32.0540



Tritanopia

42.0980, 34.7813, 32.9284

Trichromacy



Original Color

42.0980, 34.7813, 32.9284

Protanomaly

36.2850, 34.6805, 36.2341

Deuteranomaly

37.7521, 34.8079, 32.3326

Tritanomaly

42.0980, 34.7813, 32.9284

Monochromacy



Original Color

42.0980, 34.7813, 32.9284

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

36.6975, 35.3693, 36.7911

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.0980, 34.7813, 32.9284 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(213, 139, 149)` looks like.

```
.text, #text, p{  
    color:rgb(213, 139, 149)  
}
```

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(213, 139, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 139, 149) }
```

Border

The CSS property to change the border of an element to XYZ 42.0980, 34.7813, 32.9284 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(213, 139, 149) }
```


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

```
.border{ border-color:rgb(213, 139, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 139, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 139, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 139, 149);  
box-shadow:4px 4px 4px 4px rgb(213, 139,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 42.0980, 34.7813, 32.9284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 139, 149) }
```

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

```
.background{ background-color: rgb(213,  
139, 149) }
```

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