

Converting Colors

XYZ(40.2810, 34.6994, 44.1098)

Have a look what the booklet for
XYZ(40.2810, 34.6994, 44.1098)
contains.

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Color

**XYZ(40.2810, 34.6994,
44.1098)**

Conversions

Conversions Part 1

Format	Color
Hex	C490AD
RGB	196, 144, 173
RGB Percent	77%, 56%, 68%
CMY	0.2314, 0.4353, 0.3216
CMYK	0.00, 0.27, 0.12, 0.23
HSL	327°, 31%, 67%
HSV	327°, 27%, 77%
XYZ	40.2810, 34.6994, 44.1098
YIQ	162.8540, 21.6830, 20.0430

Conversions

Conversions Part 2

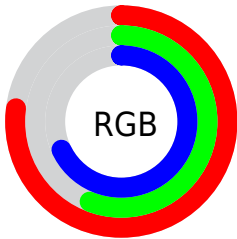
Format	Color
R _{YB}	196, 144, 173
Decimal	12882093
CIE _{Lab}	65.51, 24.22, -7.45
CIE _{LCh}	66, 25.335, 342.911
Yxy	34.6994, 0.3382, 0.2914
Android (android.graphics.Color)	4291072173 (0xFFC490AD)
YUV	162.8540, 5.0020, 29.0690
Hunter-Lab	58.9062, 18.9753, -3.1629

Details

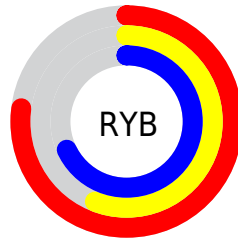
The XYZ color **40.2810, 34.6994, 44.1098** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **38.2180, 48.2000, 43.8506**, and the grayscale version is **34.7147, 36.5226, 39.7731**.

A 20% lighter version of the original color is **74.7057, 66.8723, 82.3690**, and **18.5209, 14.9600, 20.0006** is the 20% darker color. If you saturate the color by 10%, you get **36.7544, 28.9451, 38.9288**, and if you desaturate by 10%, it is **44.3795, 41.5093, 49.7509**.

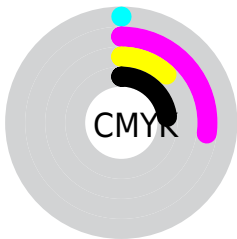
Distribution



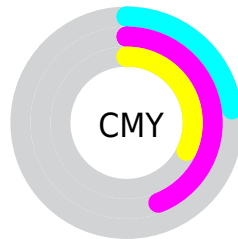
- Red (77%)
- Green (56%)
- Blue (68%)



- Red (77%)
- Yellow (56%)
- Blue (68%)



- Cyan (0%)
- Magenta (27%)
- Yellow (12%)
- Black (23%)





- Cyan (23%)
- Magenta (44%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.2810, 34.6994, 44.1098 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 40.2810, 34.6994, 44.1098 by changing the saturation by 10% instead.


 40.2810, 34.6994,
44.1098

 40.2810, 34.6994,
44.1098


338.4207,
323.2395, 379.2106

 27.9429, 23.4314,
30.4190


 74.8728, 67.0198,
82.6872

 18.4228, 14.9124,
19.9021


 97.8573, 88.8411,
108.4108

 11.3555, 8.7579,
12.1405


125.1212,
114.9488, 138.9826

 6.3755, 4.5836,
6.7158

157.0300,
145.7275, 174.8208

 3.1176, 2.0051,
3.2092

193.9490,
181.5615, 216.3443

 1.2162, 0.6104,
1.2024

236.2435,

 0.1191, 0.0000,

222.8353, 263.9713

0.0000

284.2790,
269.9331, 318.1206

0.0000, 0.0000,
0.0000

40.2810, 34.6994,
44.1098

40.2810, 34.6994,
44.1098

36.7544, 28.9451,
38.9288

44.3795, 41.5093,
49.7509

33.7689, 24.1881,
34.1913

49.0724, 49.4200,
55.8632

31.2955, 20.3714,
29.8829

54.3850, 58.4796,
62.4605

29.3011, 17.4305,
25.9872

60.3399, 68.7321,
69.5548

27.7482, 15.2926,
22.4861

66.9587, 80.2191,
77.1580

■ 26.5936, 13.8727,
19.3595

■ 72.1184, 88.6932,
84.5668

■ 25.7810, 13.0604,
16.5827

■ 73.3318, 89.1785,
90.9565

■ 25.5418, 12.8465,
15.6869

■ 74.6062, 89.6883,
97.6672

■ 75.9423, 90.2227,
104.7031

Harmonies

Analogous

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



38.0807, 34.6994, 54.8097



40.2810, 34.6994, 44.1098



40.4350, 34.6994, 33.3979

Triad

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



40.2810, 34.6994, 44.1098



31.4122, 34.6994, 21.1603



28.0265, 34.6994, 53.4707

Complementary

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



40.2810, 34.6994, 44.1098



38.2180, 48.2000, 43.8506

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.



26.5040, 34.6994, 42.5334



40.2810, 34.6994, 44.1098



28.3578, 34.6994, 24.7055

Square

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



40.2810, 34.6994, 44.1098



35.1220, 34.6994, 21.4233



26.6205, 34.6994, 32.0898



30.9283, 34.6994, 60.8707

Rectangle

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



40.2810, 34.6994, 44.1098



39.3401, 34.6994, 27.7320



26.6205, 34.6994, 32.0898



27.3465, 34.6994, 50.0062

Sweetspot

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



40.2820, 34.7010, 44.1105



87.4649, 87.1002, 99.3719



35.7764, 32.0986, 56.5350



18.4335, 18.1567, 20.9000



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.



40.2820, 34.7010, 44.1105



69.0341, 56.4103, 74.2023



38.0426, 33.8052, 32.3180



10.3031, 10.1698, 11.6864



16.4555, 8.2720, 10.3107



0.7452, 0.3711, 0.6257

Inverse Universe

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



40.2820, 34.7010, 44.1105



69.0341, 56.4103, 74.2023



40.8162, 49.2394, 57.5330



10.3031, 10.1698, 11.6864



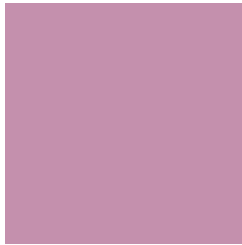
16.4555, 8.2720, 10.3107



0.7452, 0.3711, 0.6257

Previews

White Background



This preview shows how the XYZ color 40.2810, 34.6994, 44.1098 looks on a white background.

Color Contrast Check

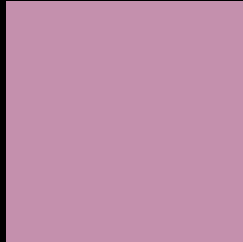
Large Text (above 18pt) WCAG AA × Fail

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 40.2810, 34.6994, 44.1098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

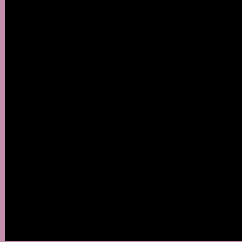
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.2810, 34.6994, 44.1098

Background



This preview shows how black text looks on a background with the XYZ color 40.2810, 34.6994, 44.1098.



This preview shows how white text looks on a background with the XYZ color 40.2810, 34.6994,

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

40.2810, 34.6994, 44.1098

Protanopia

34.1879, 34.7997, 49.1711

Deuteranopia

35.6496, 34.9290, 43.3911



Tritanopia

38.8534, 34.8054, 37.0181

Trichromacy



Original Color

40.2810, 34.6994, 44.1098

Protanomaly

36.1055, 34.5832, 47.4201

Deuteranomaly

37.1034, 34.6955, 43.7711

Tritanomaly

39.3954, 34.8042, 39.2919

Monochromacy



Original Color

40.2810, 34.6994, 44.1098

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

36.5427, 35.6809, 41.5203

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.2810, 34.6994, 44.1098 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(196, 144, 173)` looks like.

```
.text, #text, p{  
    color:rgb(196, 144, 173)  
}
```

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(196, 144, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 144, 173) }
```

Border

The CSS property to change the border of an element to XYZ 40.2810, 34.6994, 44.1098 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(196, 144, 173) }
```


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

```
.border{ border-color:rgb(196, 144, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 144, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 144, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 144, 173);  
box-shadow:4px 4px 4px 4px rgb(196, 144,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 40.2810, 34.6994, 44.1098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 144, 173) }
```

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

```
.background{ background-color: rgb(196,  
144, 173) }
```

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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