

Converting Colors

XYZ(43.9738, 34.1695, 41.8857)

Have a look what the booklet for
XYZ(43.9738, 34.1695, 41.8857)
contains.

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Color

**XYZ(44.0280, 34.1188,
41.8012)**

Conversions

Conversions Part 1

Format	Color
Hex	D984A9
RGB	217, 132, 169
RGB Percent	85%, 52%, 66%
CMY	0.1490, 0.4823, 0.3373
CMYK	0.00, 0.39, 0.22, 0.15
HSL	334°, 53%, 68%
HSV	334°, 39%, 85%
XYZ	44.0280, 34.1188, 41.8012
YIQ	161.6330, 38.7830, 29.5270

Conversions

Conversions Part 2

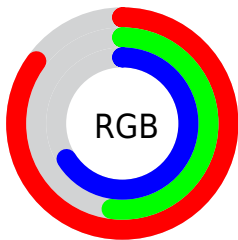
Format	Color
R _Y B	217, 132, 169
Decimal	14255273
CIE Lab	65.06, 37.49, -5.61
CIE LCh	65, 37.906, 351.496
Yxy	34.1188, 0.3671, 0.2844
Android (android.graphics.Color)	4292445353 (0xFFD984A9)
YUV	161.6330, 3.6319, 48.5569
Hunter-Lab	58.4113, 32.3261, -1.5421

Details

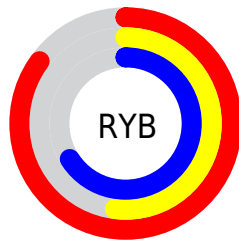
The XYZ color **44.0280, 34.1188, 41.8012** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **42.5683, 57.8275, 52.1010**, and the grayscale version is **34.1428, 35.9209, 39.1179**.

A 20% lighter version of the original color is **72.2535, 61.7596, 78.6336**, and **20.5768, 14.4953, 18.5430** is the 20% darker color. If you saturate the color by 10%, you get **40.2885, 28.3953, 35.1422**, and if you desaturate by 10%, it is **48.4893, 41.1126, 49.2336**.

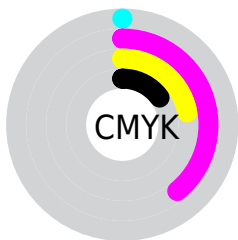
Distribution



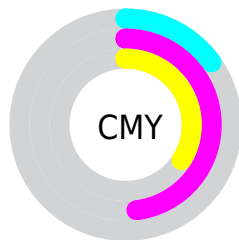
- Red (85%)
- Green (52%)
- Blue (66%)



- Red (85%)
- Yellow (52%)
- Blue (66%)



- Cyan (0%)
- Magenta (39%)
- Yellow (22%)
- Black (15%)



- Cyan (15%)
- Magenta (48%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.0280, 34.1188, 41.8012 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 44.0280, 34.1188, 41.8012 by changing the saturation by 10% instead.

44.0280, 34.1188,
41.8012

44.0280, 34.1188,
41.8012

353.6728,
320.6615, 369.4335

30.8905, 22.9849,
28.6213

80.5060, 66.1184,
79.1655

20.6669, 14.5823,
18.5514

104.5772, 87.7528,
104.1869

12.9918, 8.5268,
11.1731

133.0236,
113.6562, 133.9926

7.4999, 4.4338,
6.0677

166.2108,
144.2130, 169.0011

3.8257, 1.9191,
2.8168

204.5039,
179.8075, 209.6308

1.6040, 0.5598,
1.0019

248.2684,

0.3950, 0.0000,

220.8241, 256.3005

0.0000

297.8696,
267.6473, 309.4285

■ 0.0000, 0.0000,
0.0000

■ 44.0280, 34.1188,
41.8012

■ 44.0280, 34.1188,
41.8012

■ 40.2885, 28.3953,
35.1422

■ 48.4893, 41.1126,
49.2336

■ 37.2268, 23.8597,
29.2262

■ 53.7072, 49.4430,
57.4639

■ 34.7981, 20.4273,
24.0236


■ 59.7178, 59.1771,
66.5180


■ 32.9508, 17.9999,
19.5011


■ 66.5538, 70.3765,
76.4197


■ 31.6243, 16.4618,
15.6220


■ 74.2462, 83.0988,
87.1919

 30.7222, 15.6258,
12.3362

 80.4822, 92.7145,
98.0758

 30.6562, 15.5681,
12.0857

 82.3908, 93.4779,
108.1264

 82.4255, 93.4918,
108.3092

Harmonies

Analogous

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



41.4100, 34.1188, 59.3255



44.0280, 34.1188, 41.8012



43.2744, 34.1188, 27.1370

Triad

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



44.0280, 34.1188, 41.8012



28.7128, 34.1188, 15.5246



26.2916, 34.1188, 66.1820

Complementary

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



44.0280, 34.1188, 41.8012



42.5683, 57.8275, 52.1010

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.



23.5661, 34.1188, 49.3641



44.0280, 34.1188, 41.8012



24.8504, 34.1188, 21.3293

Square

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



44.0280, 34.1188, 41.8012



34.0148, 34.1188, 14.5559



23.0700, 34.1188, 32.8565



30.8930, 34.1188, 75.7828

Rectangle

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



44.0280, 34.1188, 41.8012



40.9944, 34.1188, 20.5047



23.0700, 34.1188, 32.8565



25.1483, 34.1188, 60.9933

Sweetspot

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



44.0290, 34.1204, 41.8019



83.3947, 80.9431, 91.9009



39.3098, 31.0681, 69.5710



17.6009, 16.9212, 19.2977



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.



44.0290, 34.1204, 41.8019



58.9285, 42.2313, 52.2372



41.6208, 34.0982, 26.2197



13.2902, 13.1452, 14.7895



18.6085, 9.4444, 7.5844



1.2483, 0.6290, 0.7164

Inverse Universe

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



44.0290, 34.1204, 41.8019



58.9285, 42.2313, 52.2372



45.7727, 57.3790, 74.3089



13.2902, 13.1452, 14.7895



18.6085, 9.4444, 7.5844



1.2483, 0.6290, 0.7164

Previews

White Background



This preview shows how the XYZ color 44.0280, 34.1188, 41.8012 looks on a white background.

Color Contrast Check

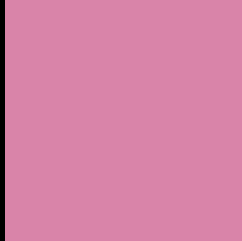
Large Text (above 18pt) WCAG AA × Fail

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 44.0280, 34.1188, 41.8012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

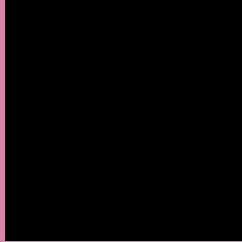
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.0280, 34.1188, 41.8012

Background



This preview shows how black text looks on a background with the XYZ color 44.0280, 34.1188, 41.8012.



This preview shows how white text looks on a background with the XYZ color 44.0280, 34.1188,

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

44.0280, 34.1188, 41.8012

Protanopia

33.9508, 34.3890, 50.7473

Deuteranopia

34.9247, 34.3739, 40.3914



Tritanopia

42.0168, 34.1307, 31.5675

Trichromacy



Original Color

44.0280, 34.1188, 41.8012

Protanomaly

36.6311, 33.6646, 47.2151

Deuteranomaly

37.6553, 33.8757, 40.6304

Tritanomaly

42.8156, 34.2600, 34.9281

Monochromacy



Original Color

44.0280, 34.1188, 41.8012

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

37.1495, 34.7949, 40.3554

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.0280, 34.1188, 41.8012 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(217, 132, 169)` looks like.

```
.text, #text, p{  
    color:rgb(217, 132, 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(217, 132, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 132, 169) }
```

Border

The CSS property to change the border of an element to XYZ 44.0280, 34.1188, 41.8012 is called "border". The border property can be set on classes, ids or directly on the HTML element.

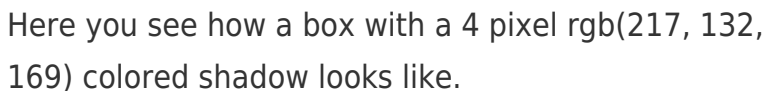
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 132, 169) }
```


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

```
.border{ border-color:rgb(217, 132, 169) }
```

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



Here you see how a box with a 4 pixel `rgb(217, 132, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 132, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 132, 169);  
box-shadow:4px 4px 4px 4px rgb(217, 132,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 44.0280, 34.1188, 41.8012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 132, 169) }
```

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

```
.background{ background-color: rgb(217,  
132, 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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