

Converting Colors

XYZ(40.0060, 34.0472, 44.6053)

Have a look what the booklet for
XYZ(40.0060, 34.0472, 44.6053)
contains.

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Color

**XYZ(40.0779, 34.1378,
44.5213)**

Conversions

Conversions Part 1

Format	Color
Hex	C48EAE
RGB	196, 142, 174
RGB Percent	77%, 56%, 68%
CMY	0.2314, 0.4431, 0.3176
CMYK	0.00, 0.28, 0.11, 0.23
HSL	324°, 31%, 66%
HSV	324°, 28%, 77%
XYZ	40.0779, 34.1378, 44.5213
YIQ	161.7940, 21.9120, 21.4000

Conversions

Conversions Part 2

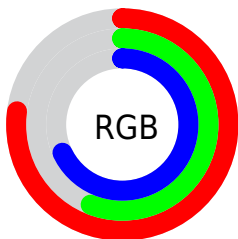
Format	Color
R _Y B	196, 142, 174
Decimal	12881582
CIE Lab	65.07, 25.49, -8.67
CIE LCh	65, 26.923, 341.223
Yxy	34.1378, 0.3375, 0.2875
Android (android.graphics.Color)	4291071662 (0xFFC48EAE)
YUV	161.7940, 6.0176, 29.9987
Hunter-Lab	58.4276, 20.1924, -4.2792

Details

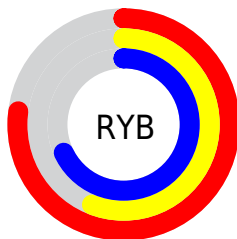
The XYZ color **40.0779, 34.1378, 44.5213** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **37.5975, 47.9118, 42.3905**, and the grayscale version is **34.2127, 35.9945, 39.1980**.

A 20% lighter version of the original color is **74.3908, 66.0196, 82.9510**, and **18.2384, 14.5500, 20.2595** is the 20% darker color. If you saturate the color by 10%, you get **36.6588, 28.5083, 39.6542**, and if you desaturate by 10%, it is **44.0581, 40.8144, 49.8046**.

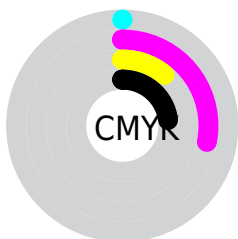
Distribution



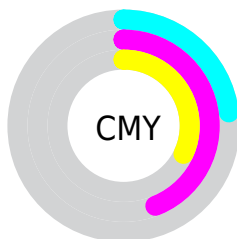
- Red (77%)
- Green (56%)
- Blue (68%)



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



- Cyan (0%)
- Magenta (28%)
- Yellow (11%)
- Black (23%)




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

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.0779, 34.1378, 44.5213 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 40.0779, 34.1378, 44.5213 by changing the saturation by 10% instead.


 40.0779, 34.1378,
44.5213


 40.0779, 34.1378,
44.5213

337.5806,
320.7461, 380.9348


 27.7838, 22.9995,
30.7403


 74.5657, 66.1479,
83.3124

 18.3023, 14.5931,
20.1444


 97.4901, 87.7885,
109.1597

 11.2683, 8.5343,
12.3149


 124.6886,
113.6986, 139.8661

 6.3162, 4.4387,
6.8334

156.5266,
144.2626, 175.8502

 3.0808, 1.9219,
3.2813

193.3695,
179.8650, 217.5306

 1.1966, 0.5615,
1.2400

235.5825,

 0.1037, 0.0000,

220.8901, 265.3258

0.0118

283.5311,
267.7223, 319.6544

0.0000, 0.0000,
0.0000

40.0779, 34.1378,
44.5213

40.0779, 34.1378,
44.5213

36.6588, 28.5083,
39.6542

44.0581, 40.8144,
49.8046

33.7700, 23.8672,
35.1880

48.6219, 48.5835,
55.5143

31.3826, 20.1572,
31.1093

53.7946, 57.4936,
61.6629

29.4631, 17.3129,
27.4028

59.5985, 67.5887,
68.2615

27.9741, 15.2608,
24.0519

66.0553, 78.9105,
75.3210

■ 26.8716, 13.9145,
21.0374

■ 71.6986, 88.5252,
82.3559

■ 26.0932, 13.1505,
18.3340

■ 72.7941, 88.9635,
88.1251

■ 25.9258, 13.0001,
17.7095

■ 73.9411, 89.4222,
94.1649

■ 75.1401, 89.9018,
100.4788

Harmonies

Analogous

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



37.6443, 34.1378, 55.7785



40.0779, 34.1378, 44.5213



40.3730, 34.1378, 33.1448

Triad

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



40.0779, 34.1378, 44.5213



31.0091, 34.1378, 19.8324



27.1267, 34.1378, 53.1967

Complementary

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



40.0779, 34.1378, 44.5213



37.5975, 47.9118, 42.3905

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.



25.6327, 34.1378, 41.5092



40.0779, 34.1378, 44.5213



27.7515, 34.1378, 23.2428

Square

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



40.0779, 34.1378, 44.5213



34.9213, 34.1378, 20.3181



25.8519, 34.1378, 30.6765



30.0923, 34.1378, 61.4390

Rectangle

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



40.0779, 34.1378, 44.5213



39.2921, 34.1378, 27.1113



25.8519, 34.1378, 30.6765



26.4469, 34.1378, 49.4525

Sweetspot

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



40.0789, 34.1393, 44.5220



87.5744, 87.1440, 99.9486



34.8657, 31.1834, 56.4063



18.4611, 18.1678, 21.0454



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.



40.0789, 34.1393, 44.5220



68.7877, 55.5344, 75.3010



37.7371, 33.2026, 32.1903



10.3180, 10.1758, 11.7651



16.7020, 8.3705, 11.6085



0.7551, 0.3751, 0.6779

Inverse Universe

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



40.0789, 34.1393, 44.5220



68.7877, 55.5344, 75.3010



40.2563, 48.9754, 56.3918



10.3180, 10.1758, 11.7651



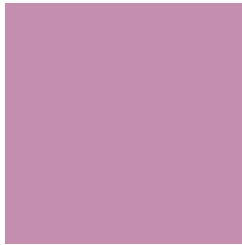
16.7020, 8.3705, 11.6085



0.7551, 0.3751, 0.6779

Previews

White Background



This preview shows how the XYZ color 40.0779, 34.1378, 44.5213 looks on a white background.

Color Contrast Check

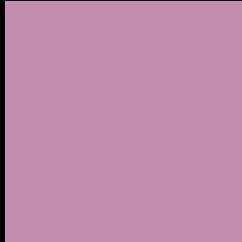
Large Text (above 18pt) WCAG AA × Fail

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 40.0779, 34.1378, 44.5213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

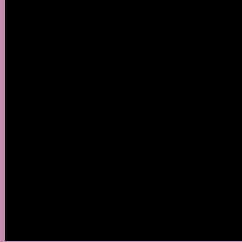
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.0779, 34.1378, 44.5213

Background



This preview shows how black text looks on a background with the XYZ color 40.0779, 34.1378, 44.5213.



This preview shows how white text looks on a background with the XYZ color 40.0779, 34.1378,

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

40.0779, 34.1378, 44.5213

Protanopia

33.8456, 34.3469, 50.1932

Deuteranopia

34.9383, 34.3052, 43.8099



Tritanopia

38.3743, 34.1204, 36.0158

Trichromacy



Original Color

40.0779, 34.1378, 44.5213

Protanomaly

35.8286, 34.1868, 47.8904

Deuteranomaly

36.8093, 34.2948, 44.2147

Tritanomaly

39.0898, 34.1930, 39.1900

Monochromacy



Original Color

40.0779, 34.1378, 44.5213

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

36.0598, 35.1945, 40.9691

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.0779, 34.1378, 44.5213 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, 142, 174)` looks like.

```
.text, #text, p{  
    color:rgb(196, 142, 174)  
}
```

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, 142, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 142, 174) }
```

Border

The CSS property to change the border of an element to XYZ 40.0779, 34.1378, 44.5213 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, 142, 174) }
```


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

```
.border{ border-color:rgb(196, 142, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 142, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 142, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 142, 174);  
box-shadow:4px 4px 4px 4px rgb(196, 142,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 40.0779, 34.1378, 44.5213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 142, 174) }
```

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

```
.background{ background-color: rgb(196,  
142, 174) }
```

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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