

Converting Colors

XYZ(40.3612, 35.0586, 43.0802)

Have a look what the booklet for
XYZ(40.3612, 35.0586, 43.0802)
contains.

XYZ(40.2410, 34.9268, 43.1487)	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(40.2410, 34.9268,
43.1487)**

Conversions

Conversions Part 1

Format	Color
Hex	C491AB
RGB	196, 145, 171
RGB Percent	77%, 57%, 67%
CMY	0.2314, 0.4314, 0.3294
CMYK	0.00, 0.26, 0.13, 0.23
HSL	329°, 30%, 67%
HSV	329°, 26%, 77%
XYZ	40.2410, 34.9268, 43.1487
YIQ	163.2130, 22.0500, 18.8980

Conversions

Conversions Part 2

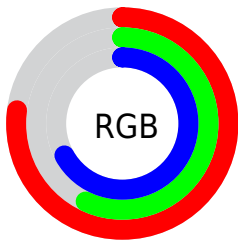
Format	Color
R _Y B	196, 145, 171
Decimal	12882347
CIE Lab	65.69, 23.33, -6.06
CIE LCh	66, 24.100, 345.446
Yxy	34.9268, 0.3401, 0.2952
Android (android.graphics.Color)	4291072427 (0xFFC491AB)
YUV	163.2130, 3.8390, 28.7542
Hunter-Lab	59.0989, 18.1193, -1.9190

Details

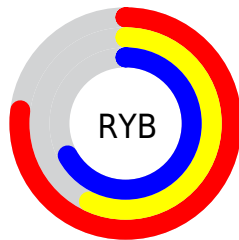
The XYZ color **40.2410, 34.9268, 43.1487** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **38.6741, 48.4028, 45.3367**, and the grayscale version is **34.8893, 36.7063, 39.9731**.

A 20% lighter version of the original color is **74.6589, 67.2205, 80.9914**, and **18.4878, 15.0881, 19.3906** is the 20% darker color. If you saturate the color by 10%, you get **36.6178, 29.0928, 37.5855**, and if you desaturate by 10%, it is **44.4495, 41.8239, 49.2363**.

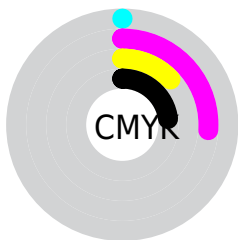
Distribution



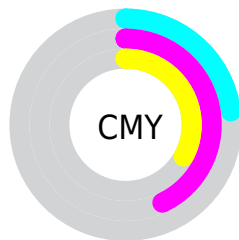
- Red (77%)
- Green (57%)
- Blue (67%)



- Red (77%)
- Yellow (57%)
- Blue (67%)



- Cyan (0%)
- Magenta (26%)
- Yellow (13%)
- Black (23%)





- Cyan (23%)
- Magenta (43%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.2410, 34.9268, 43.1487 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 40.2410, 34.9268, 43.1487 by changing the saturation by 10% instead.


 40.2410, 34.9268,
43.1487


 40.2410, 34.9268,
43.1487

338.2553,
324.2451, 375.1621

 27.9115, 23.6065,
29.6695


 74.8124, 67.3724,
81.2240

 18.3991, 15.0420,
19.3380


 97.7850, 89.2664,
106.6572

 11.3383, 8.8489,
11.7355


125.0361,
115.4538, 136.9121

 6.3638, 4.6427,
6.4435

156.9309,
146.3190, 172.4073

 3.1103, 2.0392,
3.0434

193.8349,
182.2463, 213.5614

 1.2124, 0.6301,
1.1169

236.1134,

 0.1161, 0.0000,

223.6201, 260.7929

0.0000

284.1318,
270.8250, 314.5203

■ 0.0000, 0.0000,
0.0000

■ 40.2410, 34.9268,
43.1487

■ 40.2410, 34.9268,
43.1487

■ 36.6178, 29.0928,
37.5855

■ 44.4495, 41.8239,
49.2363

■ 33.5488, 24.2636,
32.5282

■ 49.2663, 49.8292,
55.8616

■ 31.0049, 20.3824,
27.9604

■ 54.7167, 58.9909,
63.0398

■ 28.9526, 17.3848,
23.8634

■ 60.8237, 69.3529,
70.7851

■ 27.3544, 15.1982,
20.2171

■ 67.6091, 80.9568,
79.1107

■ 26.1668, 13.7385,
16.9989

■ 72.6194, 88.8936,
87.2050

■ 25.3354, 12.8995,
14.1825

■ 73.9961, 89.4442,
94.4542

■ 25.0613, 12.6543,
13.1568

■ 75.4481, 90.0250,
102.1005

■ 76.5751, 90.4759,
108.0354

Harmonies

Analogous

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



38.2947, 34.9268, 53.4347



40.2410, 34.9268, 43.1487



40.2098, 34.9268, 33.0636

Triad

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



40.2410, 34.9268, 43.1487



31.4144, 34.9268, 22.1461



28.6408, 34.9268, 53.7048

Complementary

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



40.2410, 34.9268, 43.1487



38.6741, 48.4028, 45.3367

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.



27.0508, 34.9268, 43.4689



40.2410, 34.9268, 43.1487



28.5728, 34.9268, 25.9121

Square

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



40.2410, 34.9268, 43.1487



34.9393, 34.9268, 22.0913



27.0268, 34.9268, 33.3318



31.5133, 34.9268, 60.2258

Rectangle

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



40.2410, 34.9268, 43.1487



39.0651, 34.9268, 27.7946



27.0268, 34.9268, 33.3318



27.9479, 34.9268, 50.5108

Sweetspot

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



40.2420, 34.9284, 43.1494



87.3153, 87.0404, 98.5841



36.5926, 32.7452, 56.6168



18.3958, 18.1416, 20.7016



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.



40.2420, 34.9284, 43.1494



69.1822, 57.2617, 72.5399



38.0682, 34.0589, 31.7025



10.2827, 10.1617, 11.5790



16.1465, 8.1483, 8.6834



0.7324, 0.3660, 0.5582

Inverse Universe

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



40.2420, 34.9284, 43.1494



69.1822, 57.2617, 72.5399



41.2853, 49.4473, 59.0875



10.2827, 10.1617, 11.5790



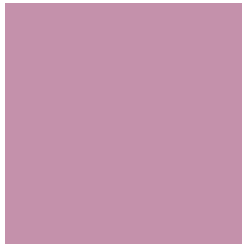
16.1465, 8.1483, 8.6834



0.7324, 0.3660, 0.5582

Previews

White Background



This preview shows how the XYZ color 40.2410, 34.9268, 43.1487 looks on a white background.

Color Contrast Check

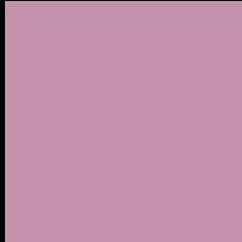
Large Text (above 18pt) WCAG AA × Fail

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 40.2410, 34.9268, 43.1487 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 40.2410, 34.9268, 43.1487

Background



This preview shows how black text looks on a background with the XYZ color 40.2410, 34.9268, 43.1487.



This preview shows how white text looks on a background with the XYZ color 40.2410, 34.9268,

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

40.2410, 34.9268, 43.1487

Protanopia

34.5410, 35.2597, 48.1653

Deuteranopia

35.6774, 34.9652, 42.4047



Tritanopia

38.8534, 34.8054, 37.0181

Trichromacy



Original Color

40.2410, 34.9268, 43.1487

Protanomaly

36.2860, 34.9435, 46.4273

Deuteranomaly

37.1447, 34.7388, 42.7777

Tritanomaly

39.3954, 34.8042, 39.2919

Monochromacy



Original Color

40.2410, 34.9268, 43.1487

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

36.4506, 35.6441, 41.0352

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.2410, 34.9268, 43.1487 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, 145, 171)` looks like.

```
.text, #text, p{  
    color:rgb(196, 145, 171)  
}
```

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, 145, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 145, 171) }
```

Border

The CSS property to change the border of an element to XYZ 40.2410, 34.9268, 43.1487 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, 145, 171) }
```


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

```
.border{ border-color:rgb(196, 145, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 145, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 145, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 145, 171);  
box-shadow:4px 4px 4px 4px rgb(196, 145,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 40.2410, 34.9268, 43.1487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 145, 171) }
```

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

```
.background{ background-color: rgb(196,  
145, 171) }
```

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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