

Converting Colors

XYZ(40.2154, 31.4280, 46.7486)

Have a look what the booklet for
XYZ(40.2154, 31.4280, 46.7486)
contains.

XYZ(40.0743, 31.3727, 46.5912)	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(40.0743, 31.3727,
46.5912)**

Conversions

Conversions Part 1

Format	Color
Hex	C981B3
RGB	201, 129, 179
RGB Percent	79%, 51%, 70%
CMY	0.2118, 0.4941, 0.2980
CMYK	0.00, 0.36, 0.11, 0.21
HSL	318°, 40%, 65%
HSV	318°, 36%, 79%
XYZ	40.0743, 31.3727, 46.5912
YIQ	156.2280, 26.8620, 30.8140

Conversions

Conversions Part 2

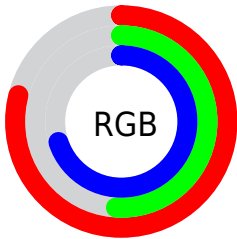
Format	Color
R _Y B	201, 129, 179
Decimal	13205939
CIE Lab	62.82, 35.18, -14.81
CIE LCh	63, 38.172, 337.167
Yxy	31.3727, 0.3395, 0.2658
Android (android.graphics.Color)	4291396019 (0xFFC981B3)
YUV	156.2280, 11.2266, 39.2650
Hunter-Lab	56.0113, 29.6911, -10.1105

Details

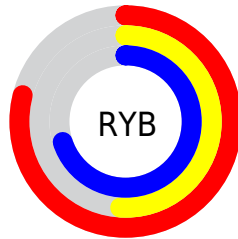
The XYZ color **40.0743, 31.3727, 46.5912** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **35.5271, 48.6757, 36.8031**, and the grayscale version is **31.6456, 33.2936, 36.2567**.

A 20% lighter version of the original color is **73.1689, 61.1251, 86.5392**, and **18.3443, 13.0661, 21.2938** is the 20% darker color. If you saturate the color by 10%, you get **37.0752, 26.3463, 42.5948**, and if you desaturate by 10%, it is **43.6237, 37.4546, 50.9083**.

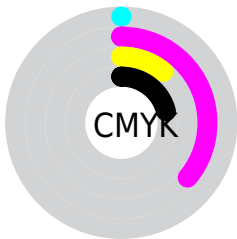
Distribution



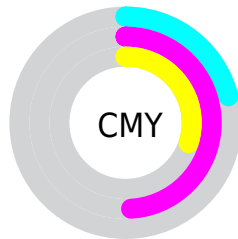
- Red (79%)
- Green (51%)
- Blue (70%)



- Red (79%)
- Yellow (51%)
- Blue (70%)



- Cyan (0%)
- Magenta (36%)
- Yellow (11%)
- Black (21%)





- Cyan (21%)
- Magenta (49%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.0743, 31.3727, 46.5912 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 40.0743, 31.3727, 46.5912 by changing the saturation by 10% instead.


 40.0743, 31.3727,
46.5912

 40.0743, 31.3727,
46.5912

337.5657,
308.2517, 389.5268


 27.7809, 20.8828,
32.3606


 74.5603, 61.8264,
86.4467

 18.3002, 13.0384,
21.3700


 97.4836, 82.5590,
112.9086

 11.2667, 7.4550,
13.2008


 124.6809,
107.4746, 144.2847

 6.3151, 3.7482,
7.4346

156.5177,
136.9576, 180.9935

 3.0801, 1.5337,
3.6528

193.3592,
171.3924, 223.4536

 1.1963, 0.3123,
1.4369

235.5708,

 0.1034, 0.0000,

211.1634, 272.0835

0.1702

283.5178,
256.6551, 327.3017

■ 0.0000, 0.0000,
0.0000

■ 40.0743, 31.3727,
46.5912

■ 40.0743, 31.3727,
46.5912

■ 37.0752, 26.3463,
42.5948

■ 43.6237, 37.4546,
50.9083

■ 34.5926, 22.3095,
38.9050

■ 47.7491, 44.6441,
55.5552

■ 32.5932, 19.1958,
35.5092

■ 52.4779, 52.9951,
60.5433

■ 31.0383, 16.9288,
32.3928

■ 57.8350, 62.5566,
65.8824

■ 29.8832, 15.4196,
29.5390

■ 63.8438, 73.3750,
71.5820

■ 29.0725, 14.5575,
26.9273

■ 70.5264, 85.4941,
77.6510

■ 28.7903, 14.2987,
25.8915

■ 73.0317, 89.2113,
82.4740

■ 73.8702, 89.5467,
86.8894

■ 74.7390, 89.8942,
91.4644

Harmonies

Analogous

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



36.3123, 31.3727, 62.6148



40.0743, 31.3727, 46.5912



40.9440, 31.3727, 30.6928

Triad

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



40.0743, 31.3727, 46.5912



28.5824, 31.3727, 12.8197



22.5052, 31.3727, 54.6673

Complementary

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



40.0743, 31.3727, 46.5912



35.5271, 48.6757, 36.8031

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.



20.9169, 31.3727, 37.8779



40.0743, 31.3727, 46.5912



24.1496, 31.3727, 15.9727

Square

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



40.0743, 31.3727, 46.5912



33.8915, 31.3727, 13.9055



21.4817, 31.3727, 24.1629



26.0862, 31.3727, 68.1489

Rectangle

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



40.0743, 31.3727, 46.5912



39.6844, 31.3727, 22.6304



21.4817, 31.3727, 24.1629



21.7409, 31.3727, 49.0596

Sweetspot

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



40.0753, 31.3741, 46.5918



85.3959, 82.8510, 99.0252



31.0827, 26.4604, 58.7279



18.0432, 17.3190, 20.9459



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.



40.0753, 31.3741, 46.5918



64.5360, 46.8648, 74.3965



36.9271, 30.1149, 30.0139



10.9397, 10.7593, 12.6660



18.1445, 9.0074, 16.5028



0.8903, 0.4390, 0.9457

Inverse Universe

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



40.0753, 31.3741, 46.5918



64.5360, 46.8648, 74.3965



38.8679, 50.0119, 54.3951



10.9397, 10.7593, 12.6660



18.1445, 9.0074, 16.5028



0.8903, 0.4390, 0.9457

Previews

White Background



This preview shows how the XYZ color 40.0743, 31.3727, 46.5912 looks on a white background.

Color Contrast Check

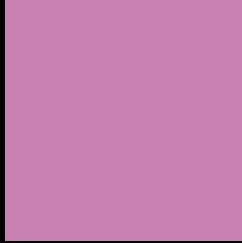
Large Text (above 18pt) WCAG AA × Fail

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 40.0743, 31.3727, 46.5912 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

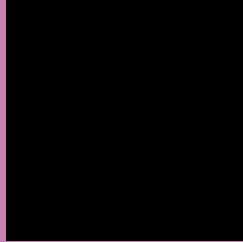
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.0743, 31.3727, 46.5912

Background



This preview shows how black text looks on a background with the XYZ color 40.0743, 31.3727, 46.5912.



This preview shows how white text looks on a background with the XYZ color 40.0743, 31.3727,

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

40.0743, 31.3727, 46.5912

Protanopia

31.7887, 31.6910, 55.4805

Deuteranopia

32.1956, 31.6580, 44.9711



Tritanopia

36.8782, 31.2736, 31.2868

Trichromacy



Original Color

40.0743, 31.3727, 46.5912

Protanomaly

34.1120, 31.1056, 52.3502

Deuteranomaly

34.5227, 31.2512, 45.2868

Tritanomaly

37.8478, 31.2494, 36.3847

Monochromacy



Original Color

40.0743, 31.3727, 46.5912

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

33.9930, 32.0088, 39.5086

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.0743, 31.3727, 46.5912 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(201, 129, 179)` looks like.

```
.text, #text, p{  
    color:rgb(201, 129, 179)  
}
```

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(201, 129, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 129, 179) }
```

Border

The CSS property to change the border of an element to XYZ 40.0743, 31.3727, 46.5912 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(201, 129, 179) }
```


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

```
.border{ border-color:rgb(201, 129, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 129, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 129, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 129, 179);  
box-shadow:4px 4px 4px 4px rgb(201, 129,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 40.0743, 31.3727, 46.5912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 129, 179) }
```

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

```
.background{ background-color: rgb(201,  
129, 179) }
```

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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