

Converting Colors

XYZ(41.2476, 37.3248, 43.5585)

Have a look what the booklet for
XYZ(41.2476, 37.3248, 43.5585)
contains.

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Color

**XYZ(41.2476, 37.3248,
43.5585)**

Conversions

Conversions Part 1

Format	Color
Hex	C399AB
RGB	195, 153, 171
RGB Percent	76%, 60%, 67%
CMY	0.2353, 0.4000, 0.3294
CMYK	0.00, 0.22, 0.12, 0.24
HSL	334°, 26%, 68%
HSV	334°, 22%, 76%
XYZ	41.2476, 37.3248, 43.5585
YIQ	167.6100, 19.2540, 14.5020

Conversions

Conversions Part 2

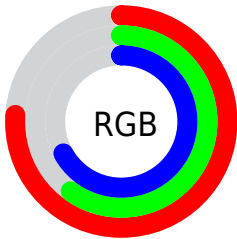
Format	Color
R_{YB}	195, 153, 171
Decimal	12818859
CIE _{Lab}	67.52, 18.55, -3.37
CIE _{LCh}	68, 18.853, 349.712
Yxy	37.3248, 0.3377, 0.3056
Android (android.graphics.Color)	4291008939 (0xFFC399AB)
YUV	167.6100, 1.6713, 24.0210
Hunter-Lab	61.0940, 13.5996, 0.4935

Details

The XYZ color **41.2476, 37.3248, 43.5585** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.5893, 48.9779, 48.9117**, and the grayscale version is **37.0147, 38.9423, 42.4082**.

A 20% lighter version of the original color is **76.4282, 71.2982, 81.6852**, and **19.0656, 16.4974, 19.6322** is the 20% darker color. If you saturate the color by 10%, you get **37.2953, 31.0488, 37.2196**, and if you desaturate by 10%, it is **45.8131, 44.6831, 50.5446**.

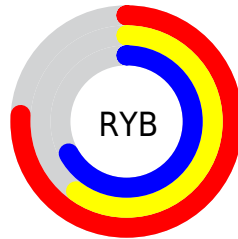
Distribution



Red (76%)

Green (60%)

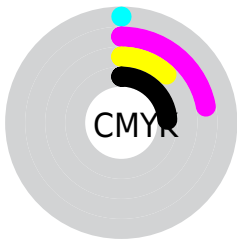
Blue (67%)



Red (76%)

Yellow (60%)

Blue (67%)

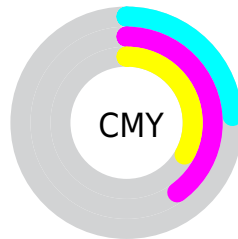


Cyan (0%)

Magenta (22%)

Yellow (12%)

Black (24%)



Cyan (24%)

Magenta (40%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.2476, 37.3248, 43.5585 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 41.2476, 37.3248, 43.5585 by changing the saturation by 10% instead.

■ 41.2476, 37.3248,
43.5585

■ 41.2476, 37.3248,
43.5585

342.3993,
334.7146, 376.8921

■ 28.7011, 25.4591,
29.9889

■ 76.3320, 71.0720,
81.8484

■ 18.9980, 16.4194,
19.5782

■ 99.6005, 93.7224,
107.4057

■ 11.7728, 9.8214,
11.9078

127.1739,
120.7363, 137.7961

■ 6.6603, 5.2807,
6.5591

159.4173,
152.4983, 173.4380

■ 3.2950, 2.4129,
3.1137

196.6963,
189.3927, 214.7501

■ 1.3116, 0.8325,
1.1530

239.3760,

■ 0.1919, 0.0000,

231.8040, 262.1507

0.0000

287.8219,
280.1165, 316.0585

■ 0.0000, 0.0000,
0.0000

■ 41.2476, 37.3248,
43.5585

■ 41.2476, 37.3248,
43.5585

■ 37.2953, 31.0488,
37.2196

■ 45.8131, 44.6831,
50.5446

■ 33.9257, 25.7986,
31.5055

■ 51.0145, 53.1667,
58.1945

■ 31.1099, 21.5201,
26.3958

■ 56.8768, 62.8224,
66.5273

■ 28.8157, 18.1523,
21.8680

■ 63.4231, 73.6928,
75.5603

■ 27.0069, 15.6270,
17.8978

■ 70.6752, 85.8183,
85.3103

■ 25.6426, 13.8665,
14.4585

■ 73.6785, 89.2873,
94.1350

■ 24.6743, 12.7781,
11.5206

■ 75.3660, 89.9623,
103.0211

■ 24.0891, 12.2355,
9.3901

■ 76.3159, 90.3422,
108.0233

Harmonies

Analogous

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



39.8998, 37.3248, 51.8609



41.2476, 37.3248, 43.5585



40.9861, 37.3248, 35.4906

Triad

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



41.2476, 37.3248, 43.5585



33.6292, 37.3248, 27.3892



31.9926, 37.3248, 54.0732

Complementary

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



41.2476, 37.3248, 43.5585



40.5893, 48.9779, 48.9117

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.



30.4835, 37.3248, 46.2656



41.2476, 37.3248, 43.5585



31.3921, 37.3248, 31.1676

Square

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



41.2476, 37.3248, 43.5585



36.4809, 37.3248, 26.8708



30.2698, 37.3248, 37.8556



34.4899, 37.3248, 58.4564

Rectangle

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



41.2476, 37.3248, 43.5585



39.9388, 37.3248, 31.2708



30.2698, 37.3248, 37.8556



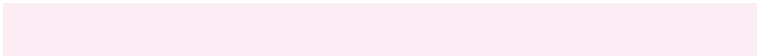
31.3589, 37.3248, 51.7162

Sweetspot

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



41.2487, 37.3265, 43.5593



86.9779, 88.0427, 97.8337



39.3289, 36.0480, 56.5154



18.9111, 19.0583, 21.2243



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.



41.2487, 37.3265, 43.5593



70.2968, 61.1441, 72.3466



40.1117, 37.6136, 35.2850



10.2483, 10.1479, 11.3983



15.6968, 7.9685, 6.3154



0.7127, 0.3581, 0.4544

Inverse Universe

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



41.2487, 37.3265, 43.5593



70.2968, 61.1441, 72.3466



41.8820, 48.5006, 58.7844



10.2483, 10.1479, 11.3983



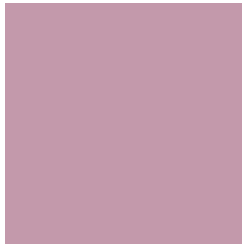
15.6968, 7.9685, 6.3154



0.7127, 0.3581, 0.4544

Previews

White Background



This preview shows how the XYZ color 41.2476, 37.3248, 43.5585 looks on a white background.

Color Contrast Check

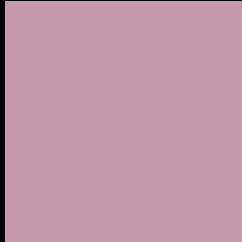
Large Text (above 18pt) WCAG AA × Fail

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 41.2476, 37.3248, 43.5585 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 41.2476, 37.3248, 43.5585

Background



This preview shows how black text looks on a background with the XYZ color 41.2476, 37.3248, 43.5585.



This preview shows how white text looks on a background with the XYZ color 41.2476, 37.3248,

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

41.2476, 37.3248, 43.5585

Protanopia

36.5211, 37.6178, 46.9311

Deuteranopia

38.1866, 37.5089, 43.2575



Tritanopia

40.6867, 37.3337, 41.1381

Trichromacy



Original Color

41.2476, 37.3248, 43.5585

Protanomaly

37.9879, 37.3507, 45.7647

Deuteranomaly

39.0798, 37.2066, 43.1521

Tritanomaly

40.8716, 37.4077, 42.1120

Monochromacy



Original Color

41.2476, 37.3248, 43.5585

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

38.6187, 38.5239, 42.9366

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2476, 37.3248, 43.5585 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(195, 153, 171)` looks like.

```
.text, #text, p{  
    color:rgb(195, 153, 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(195, 153, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 153, 171) }
```

Border

The CSS property to change the border of an element to XYZ 41.2476, 37.3248, 43.5585 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(195, 153, 171) }
```


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

```
.border{ border-color:rgb(195, 153, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 153, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 153, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 153, 171);  
box-shadow:4px 4px 4px 4px rgb(195, 153,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2476, 37.3248, 43.5585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 153, 171) }
```

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

```
.background{ background-color: rgb(195,  
153, 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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