

Converting Colors

XYZ(41.0616, 36.5398, 41.8895)

Have a look what the booklet for
XYZ(41.0616, 36.5398, 41.8895)
contains.

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Color

**XYZ(41.0002, 36.5102,
41.9320)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C596A8 |
| RGB | 197, 150, 168 |
| RGB Percent | 77%, 59%, 66% |
| CMY | 0.2274, 0.4117, 0.3412 |
| CMYK | 0.00, 0.24, 0.15, 0.23 |
| HSL | 337°, 29%, 68% |
| HSV | 337°, 24%, 77% |
| XYZ | 41.0002, 36.5102, 41.9320 |
| YIQ | 166.1050, 22.2340, 15.5620 |

Conversions

Conversions Part 2

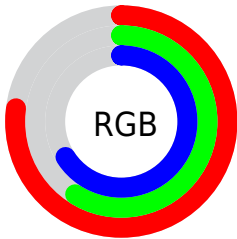
| Format | Color |
|-------------------------------------|--|
| RYB | 197, 150, 168 |
| Decimal | 12949160 |
| CIELab | 66.91, 20.43, -2.56 |
| CIELCh | 67, 20.590, 352.844 |
| Yxy | 36.5102, 0.3433, 0.3057 |
| Android (android.graphics.Color) | 4291139240 (0xFFC596A8) |
| YUV | 166.1050, 0.9342, 27.0949 |
| Hunter-Lab | 60.4237, 15.3789, 1.1513 |

Details

The XYZ color **41.0002, 36.5102, 41.9320** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.6821, 49.6722, 50.0938**, and the grayscale version is **36.2853, 38.1749, 41.5725**.

A 20% lighter version of the original color is **75.7852, 69.5843, 79.2488**, and **18.9419, 16.0243, 18.6176** is the 20% darker color. If you saturate the color by 10%, you get **37.0370, 30.3119, 35.2823**, and if you desaturate by 10%, it is **45.5999, 43.8111, 49.3171**.

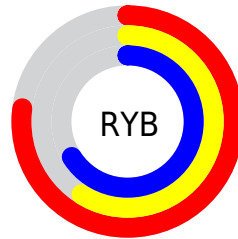
Distribution



Red (77%)

Green (59%)

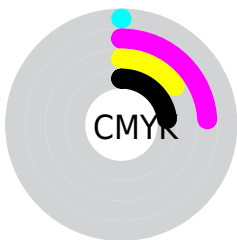
Blue (66%)



Red (77%)

Yellow (59%)

Blue (66%)

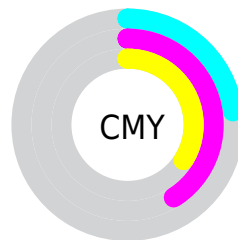


Cyan (0%)

Magenta (24%)

Yellow (15%)

Black (23%)



Cyan (23%)

Magenta (41%)

Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.0002, 36.5102, 41.9320 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 41.0002, 36.5102, 41.9320 by changing the saturation by 10% instead.

 41.0002, 36.5102,
41.9320


 41.0002, 36.5102,
41.9320

341.3840,
331.1851, 369.9923

 28.5069, 24.8285,
28.7229


 75.9589, 69.8188,
79.3657

 18.8505, 15.9493,
18.6275


 99.1550, 92.2145,
104.4273

 11.6657, 9.4883,
11.2274


126.6495,
118.9503, 134.2769

 6.5870, 5.0610,
6.1039

158.8076,
150.4107, 169.3329

 3.2492, 2.2831,
2.8385

195.9948,
186.9799, 210.0139

 1.2869, 0.7648,
1.0128

238.5763,

 0.1734, 0.0000,

229.0425, 256.7384

0.0000

286.9176,
276.9827, 309.9251

■ 0.0000, 0.0000,
0.0000

■ 41.0002, 36.5102,
41.9320

■ 41.0002, 36.5102,
41.9320

■ 37.0370, 30.3119,
35.2823

■ 45.5999, 43.8111,
49.3171

■ 33.6778, 25.1573,
29.3417

■ 50.8602, 52.2598,
57.4581

■ 30.8920, 20.9895,
24.0854

■ 56.8080, 61.9052,
66.3775

■ 28.6448, 17.7439,
19.4865

■ 63.4674, 72.7916,
76.0962

■ 26.8975, 15.3486,
15.5154

■ 70.8616, 84.9613,
86.6341

■ 25.6058, 13.7203,
12.1402

■ 74.6542, 89.7376,
96.5577

■ 24.7166, 12.7590,
9.3248

■ 76.5309, 90.4883,
106.4405

■ 24.3112, 12.3844,
7.8445

■ 76.8361, 90.6104,
108.0476

Harmonies

Analogous

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



39.7054, 36.5102, 51.0580



41.0002, 36.5102, 41.9320



40.5284, 36.5102, 33.4502

Triad

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



41.0002, 36.5102, 41.9320



32.4249, 36.5102, 25.9306



31.2035, 36.5102, 55.0768

Complementary

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



41.0002, 36.5102, 41.9320



40.6821, 49.6722, 50.0938

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.



29.4623, 36.5102, 46.8025



41.0002, 36.5102, 41.9320



30.1374, 36.5102, 30.2542

Square

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



41.0002, 36.5102, 41.9320



35.4544, 36.5102, 25.0285



29.0840, 36.5102, 37.6516



33.9600, 36.5102, 59.3506

Rectangle

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



41.0002, 36.5102, 41.9320



39.2883, 36.5102, 29.1786



29.0840, 36.5102, 37.6516



30.4870, 36.5102, 52.6167

Sweetspot

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



41.0012, 36.5119, 41.9328



87.8945, 88.4460, 98.0155



39.5723, 35.4275, 57.5762



18.6872, 18.7287, 20.7855



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.



41.0012, 36.5119, 41.9328



69.3283, 58.9498, 68.2850



40.3342, 37.6779, 34.0030



10.7991, 10.7030, 11.9255



16.0284, 8.1609, 5.3593



0.7942, 0.4005, 0.4393

Inverse Universe

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



41.0012, 36.5119, 41.9328



69.3283, 58.9498, 68.2850



41.4006, 48.0036, 59.9073



10.7991, 10.7030, 11.9255



16.0284, 8.1609, 5.3593



0.7942, 0.4005, 0.4393

Previews

White Background



This preview shows how the XYZ color 41.0002, 36.5102, 41.9320 looks on a white background.

Color Contrast Check

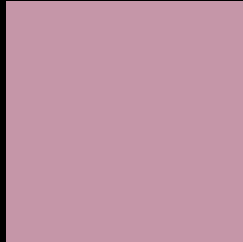
Large Text (above 18pt) WCAG AA × Fail

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 41.0002, 36.5102, 41.9320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

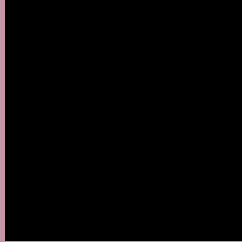
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.0002, 36.5102, 41.9320

Background



This preview shows how black text looks on a background with the XYZ color 41.0002, 36.5102, 41.9320.



This preview shows how white text looks on a background with the XYZ color 41.0002, 36.5102,

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

41.0002, 36.5102, 41.9320

Protanopia

35.5585, 36.6172, 45.7511

Deuteranopia

37.2413, 36.5540, 41.1692



Tritanopia

40.4424, 36.5133, 39.5666

Trichromacy



Original Color

41.0002, 36.5102, 41.9320

Protanomaly

37.3525, 36.5462, 44.1152

Deuteranomaly

38.4636, 36.4231, 41.5623

Tritanomaly

40.6231, 36.5856, 40.5180

Monochromacy



Original Color

41.0002, 36.5102, 41.9320

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

37.6773, 37.2787, 41.7689

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.0002, 36.5102, 41.9320 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(197, 150, 168)` looks like.

```
.text, #text, p{  
    color:rgb(197, 150, 168)  
}
```

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(197, 150, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 150, 168) }
```

Border

The CSS property to change the border of an element to XYZ 41.0002, 36.5102, 41.9320 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(197, 150, 168) }
```


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

```
.border{ border-color:rgb(197, 150, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 150, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 150, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 150, 168);  
box-shadow:4px 4px 4px 4px rgb(197, 150,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 41.0002, 36.5102, 41.9320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 150, 168) }
```

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

```
.background{ background-color: rgb(197,  
150, 168) }
```

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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