

Converting Colors

XYZ(41.9059, 40.1057, 40.9706)

Have a look what the booklet for
XYZ(41.9059, 40.1057, 40.9706)
contains.

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Color

**XYZ(41.9600, 40.0266,
41.1117)**

Conversions

Conversions Part 1

Format	Color
Hex	C2A2A5
RGB	194, 162, 165
RGB Percent	76%, 64%, 65%
CMY	0.2392, 0.3647, 0.3529
CMYK	0.00, 0.16, 0.15, 0.24
HSL	354°, 21%, 70%
HSV	354°, 16%, 76%
XYZ	41.9600, 40.0266, 41.1117
YIQ	171.9100, 18.1090, 7.7170

Conversions

Conversions Part 2

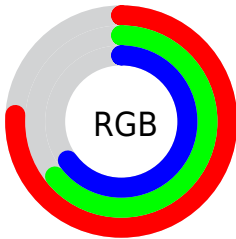
Format	Color
RYB	194, 162, 165
Decimal	12755621
CIELab	69.49, 12.23, 2.84
CIELCh	69, 12.557, 13.068
Yxy	40.0266, 0.3409, 0.3252
Android (android.graphics.Color)	4290945701 (0xFFC2A2A5)
YUV	171.9100, -3.4066, 19.3729
Hunter-Lab	63.2666, 7.6692, 5.7590

Details

The XYZ color **41.9600, 40.0266, 41.1117** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.5976, 50.0275, 56.6511**, and the grayscale version is **39.1783, 41.2187, 44.8871**.

A 20% lighter version of the original color is **77.5148, 75.3022, 78.1595**, and **19.3718, 17.9196, 18.0606** is the 20% darker color. If you saturate the color by 10%, you get **37.3109, 33.1156, 32.2015**, and if you desaturate by 10%, it is **47.3587, 48.0836, 51.3583**.

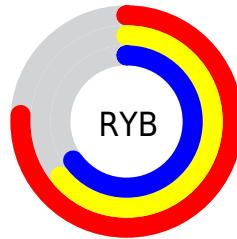
Distribution



Red (76%)

Green (64%)

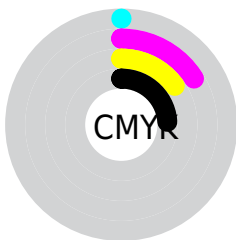
Blue (65%)



Red (76%)

Yellow (64%)

Blue (65%)

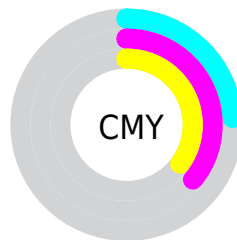


Cyan (0%)

Magenta (16%)

Yellow (15%)

Black (24%)



Cyan (24%)


Magenta (36%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.9600, 40.0266, 41.1117 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 41.9600, 40.0266, 41.1117 by changing the saturation by 10% instead.


 41.9600, 40.0266,
41.1117

 41.9600, 40.0266,
41.1117


345.3115,
346.2357, 366.4777

 29.2609, 27.5593,
28.0860


 77.4046, 75.2040,
78.1089

 19.4236, 17.9937,
18.1509

 100.8809, 98.6829,
102.9176

 12.0826, 10.9455,
10.8878


128.6803,
126.6011, 132.4910

 6.8725, 6.0302,
5.8782

161.1682,
159.3430, 167.2476

 3.4281, 2.8634,
2.7036

198.7099,
197.2930, 207.6061

 1.3840, 1.0609,
0.9452

241.6708,

 0.2448, 0.0000,

240.8356, 253.9849

0.0000

290.4162,
290.3550, 306.8026

■ 0.0000, 0.0000,
0.0000

■ 41.9600, 40.0266,
41.1117

■ 41.9600, 40.0266,
41.1117

■ 37.3109, 33.1156,
32.2015

■ 47.3587, 48.0836,
51.3583

■ 33.3749, 27.2934,
24.5701

■ 53.5344, 57.3297,
62.9905

■ 30.1176, 22.5062,
18.1595

■ 60.5176, 67.8124,
76.0583

■ 27.5006, 18.6932,
12.9063

■ 68.3360, 79.5748,
90.6083

■ 25.4814, 15.7875,
8.7412

■ 75.7248, 90.0760,
106.2547

■ 24.0124, 13.7136,
5.5877

■ 76.0583, 90.2094,
108.0112

■ 23.0387, 12.3839,
3.3589

■ 22.4906, 11.6845,
1.9525

■ 22.3589, 11.5137,
1.6234

Harmonies

Analogous

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



41.8876, 40.0266, 46.9074



41.9600, 40.0266, 41.1117



40.9568, 40.0266, 36.4095

Triad

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



41.9600, 40.0266, 41.1117



35.4494, 40.0266, 35.9405



36.9225, 40.0266, 55.1306

Complementary

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



41.9600, 40.0266, 41.1117



43.5976, 50.0275, 56.6511

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.



35.2728, 40.0266, 51.6399



41.9600, 40.0266, 41.1117



34.4432, 40.0266, 40.4179

Square

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



41.9600, 40.0266, 41.1117



37.1714, 40.0266, 33.6070



34.3797, 40.0266, 46.1497



38.9303, 40.0266, 55.3583

Rectangle

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



41.9600, 40.0266, 41.1117



39.8331, 40.0266, 34.3863



34.3797, 40.0266, 46.1497



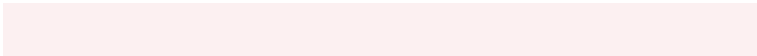
36.3095, 40.0266, 54.2867

Sweetspot

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



41.9611, 40.0284, 41.1125



87.2960, 89.3497, 95.8718



44.0947, 40.7880, 56.5882



18.9502, 19.3173, 20.6799



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.



41.9611, 40.0284, 41.1125



72.6436, 67.4916, 68.0305



44.0620, 44.6616, 40.4828



10.1107, 10.0929, 10.6733



14.7140, 7.5754, 1.1403



0.6490, 0.3326, 0.1191

Inverse Universe

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



41.9611, 40.0284, 41.1125



72.6436, 67.4916, 68.0305



41.2040, 44.7070, 57.4970



10.1107, 10.0929, 10.6733



14.7140, 7.5754, 1.1403



0.6490, 0.3326, 0.1191

Previews

White Background



This preview shows how the XYZ color 41.9600, 40.0266, 41.1117 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 41.9600, 40.0266, 41.1117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

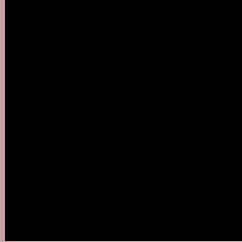
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.9600, 40.0266, 41.1117

Background



This preview shows how black text looks on a background with the XYZ color 41.9600, 40.0266, 41.1117.



This preview shows how white text looks on a background with the XYZ color 41.9600, 40.0266,

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

41.9600, 40.0266, 41.1117

Protanopia

38.5830, 40.1247, 43.2474

Deuteranopia

40.8060, 39.9589, 41.1594



Tritanopia

42.7934, 40.1090, 45.0215

Trichromacy



Original Color

41.9600, 40.0266, 41.1117

Protanomaly

39.7602, 39.9233, 42.6562

Deuteranomaly

41.1239, 39.8581, 41.1232

Tritanomaly

42.5062, 39.9941, 43.5095

Monochromacy



Original Color

41.9600, 40.0266, 41.1117

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

39.9865, 40.5731, 43.2600

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.9600, 40.0266, 41.1117 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(194, 162, 165)` looks like.

```
.text, #text, p{  
    color:rgb(194, 162, 165)  
}
```

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(194, 162, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 162, 165) }
```

Border

The CSS property to change the border of an element to XYZ 41.9600, 40.0266, 41.1117 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(194, 162, 165) }
```


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

```
.border{ border-color:rgb(194, 162, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 162, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 162, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 162, 165);  
box-shadow:4px 4px 4px 4px rgb(194, 162,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 41.9600, 40.0266, 41.1117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 162, 165) }
```

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

```
.background{ background-color: rgb(194,  
162, 165) }
```

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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