

Converting Colors

XYZ(41.0587, 36.4506, 44.7987)

Have a look what the booklet for
XYZ(41.0587, 36.4506, 44.7987)
contains.

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Color

**XYZ(41.0520, 36.4708,
44.9203)**

Conversions

Conversions Part 1

Format	Color
Hex	C396AE
RGB	195, 150, 174
RGB Percent	76%, 59%, 68%
CMY	0.2353, 0.4117, 0.3176
CMYK	0.00, 0.23, 0.11, 0.24
HSL	328°, 27%, 68%
HSV	328°, 23%, 76%
XYZ	41.0520, 36.4708, 44.9203
YIQ	166.1910, 19.1160, 17.0040

Conversions

Conversions Part 2

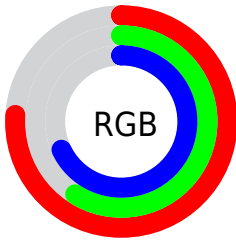
Format	Color
RYB	195, 150, 174
Decimal	12818094
CIELab	66.88, 20.72, -5.99
CIELCh	67, 21.567, 343.864
Yxy	36.4708, 0.3353, 0.2979
Android (android.graphics.Color)	4291008174 (0xFFC396AE)
YUV	166.1910, 3.8498, 25.2655
Hunter-Lab	60.3911, 15.6545, -1.8276

Details

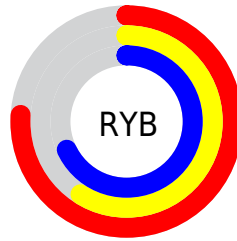
The XYZ color **41.0520, 36.4708, 44.9203** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.4449, 48.4555, 45.8042**, and the grayscale version is **36.3142, 38.2054, 41.6057**.

A 20% lighter version of the original color is **75.8806, 69.5383, 83.5516**, and **18.9592, 15.9915, 20.4998** is the 20% darker color. If you saturate the color by 10%, you get **37.3383, 30.4150, 39.4525**, and if you desaturate by 10%, it is **45.3458, 43.5895, 50.8789**.

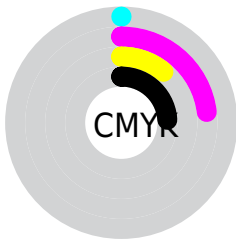
Distribution



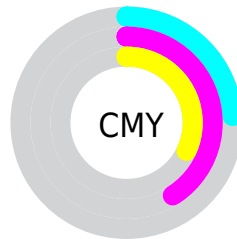
- Red (76%)
- Green (59%)
- Blue (68%)



- Red (76%)
- Yellow (59%)
- Blue (68%)



- Cyan (0%)
- Magenta (23%)
- Yellow (11%)
- Black (24%)





- Cyan (24%)
- Magenta (41%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.0520, 36.4708, 44.9203 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 41.0520, 36.4708, 44.9203 by changing the saturation by 10% instead.

 41.0520, 36.4708,
44.9203


 41.0520, 36.4708,
44.9203


341.5968,
331.0137, 382.6014

 28.5476, 24.7980,
31.0522


 76.0370, 69.7581,
83.9180

 18.8814, 15.9266,
20.3798


 99.2483, 92.1414,
109.8846

 11.6881, 9.4723,
12.4846


126.7593,
118.8637, 140.7211

 6.6024, 5.0505,
6.9481

158.9353,
150.3094, 176.8461

 3.2588, 2.2769,
3.3517

196.1417,
186.8629, 218.6781

 1.2920, 0.7614,
1.2769

238.7439,

 0.1773, 0.0000,

228.9084, 266.6356

0.0427

287.1071,
276.8306, 321.1372

■ 0.0000, 0.0000,
0.0000

■ 41.0520, 36.4708,
44.9203

■ 41.0520, 36.4708,
44.9203

■ 37.3383, 30.4150,
39.4525

■ 45.3458, 43.5895,
50.8789

■ 34.1746, 25.3656,
34.4584

■ 50.2414, 51.8142,
57.3400

■ 31.5331, 21.2681,
29.9232


■ 55.7634, 61.1919,
64.3177

■ 29.3819, 18.0609,
25.8300


■ 61.9339, 71.7651,
71.8247


■ 27.6856, 15.6751,
22.1605


■ 68.7741, 83.5742,
79.8734


 26.4035, 14.0316,
18.8947


 72.3537, 88.7573,
87.1586

 25.4869, 13.0354,
16.0092

 73.6553, 89.2780,
94.0131

 25.0042, 12.6015,
14.2094

 75.0246, 89.8257,
101.2234

 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.



39.1996, 36.4708, 54.1364



41.0520, 36.4708, 44.9203



41.1242, 36.4708, 35.5559

Triad

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



41.0520, 36.4708, 44.9203



33.1816, 36.4708, 24.6866



30.3319, 36.4708, 53.5189

Complementary

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



41.0520, 36.4708, 44.9203



39.4449, 48.4555, 45.8042

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.



28.9192, 36.4708, 44.1767



41.0520, 36.4708, 44.9203



30.4933, 36.4708, 28.1061

Square

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



41.0520, 36.4708, 44.9203



36.4387, 36.4708, 24.8212



28.9763, 36.4708, 34.9199



32.9486, 36.4708, 59.6083

Rectangle

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



41.0520, 36.4708, 44.9203



40.1435, 36.4708, 30.5102



28.9763, 36.4708, 34.9199



29.7080, 36.4708, 50.5961

Sweetspot

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



41.0531, 36.4724, 44.9211



86.3129, 86.6134, 97.9183



37.5527, 34.4126, 56.2933



18.7822, 18.7667, 21.2859



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.



41.0531, 36.4724, 44.9211



69.8346, 59.2776, 75.0973



39.0400, 35.6672, 34.3203



10.2927, 10.1657, 11.6317



16.2941, 8.2074, 9.4608



0.7386, 0.3684, 0.5908

Inverse Universe

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



41.0531, 36.4724, 44.9211



69.8346, 59.2776, 75.0973



41.7755, 49.3877, 58.0765



10.2927, 10.1657, 11.6317



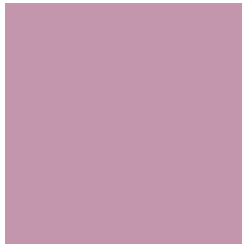
16.2941, 8.2074, 9.4608



0.7386, 0.3684, 0.5908

Previews

White Background



This preview shows how the XYZ color 41.0520, 36.4708, 44.9203 looks on a white background.

Color Contrast Check

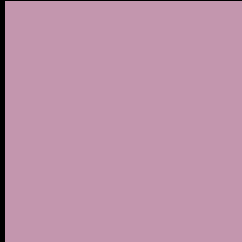
Large Text (above 18pt) WCAG AA × Fail

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 41.0520, 36.4708, 44.9203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

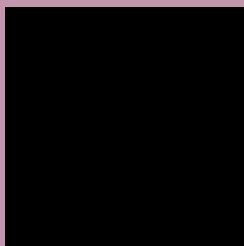
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.0520, 36.4708, 44.9203

Background



This preview shows how black text looks on a background with the XYZ color 41.0520, 36.4708, 44.9203.



This preview shows how white text looks on a background with the XYZ color 41.0520, 36.4708,

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

41.0520, 36.4708, 44.9203

Protanopia

35.7580, 36.6504, 48.9057

Deuteranopia

37.1288, 36.4309, 44.1047



Tritanopia

40.1772, 36.6061, 40.0701

Trichromacy



Original Color

41.0520, 36.4708, 44.9203

Protanomaly

37.4963, 36.5523, 47.1985

Deuteranomaly

38.5556, 36.4049, 44.5299

Tritanomaly

40.3826, 36.4297, 41.9490

Monochromacy



Original Color

41.0520, 36.4708, 44.9203

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

37.8637, 37.3533, 42.7504

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.0520, 36.4708, 44.9203 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, 150, 174)` looks like.

```
.text, #text, p{  
    color:rgb(195, 150, 174)  
}
```

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, 150, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 150, 174) }
```

Border

The CSS property to change the border of an element to XYZ 41.0520, 36.4708, 44.9203 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, 150, 174) }
```


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

```
.border{ border-color:rgb(195, 150, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 150, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 150, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 150, 174);  
box-shadow:4px 4px 4px 4px rgb(195, 150,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 41.0520, 36.4708, 44.9203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 150, 174) }
```

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

```
.background{ background-color: rgb(195,  
150, 174) }
```

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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