

Converting Colors

XYZ(44.2797, 40.8963, 42.5405)

Have a look what the booklet for
XYZ(44.2797, 40.8963, 42.5405)
contains.

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Color

**XYZ(44.4414, 41.0134,
42.6199)**

Conversions

Conversions Part 1

Format	Color
Hex	CBA1A8
RGB	203, 161, 168
RGB Percent	80%, 63%, 66%
CMY	0.2039, 0.3686, 0.3412
CMYK	0.00, 0.21, 0.17, 0.20
HSL	350°, 29%, 71%
HSV	350°, 21%, 80%
XYZ	44.4414, 41.0134, 42.6199
YIQ	174.3560, 22.7850, 11.0810

Conversions

Conversions Part 2

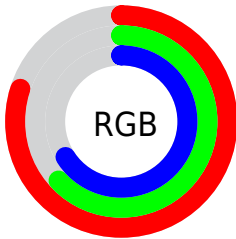
Format	Color
R _Y B	203, 161, 168
Decimal	13345192
CIE Lab	70.19, 16.59, 2.29
CIE LCh	70, 16.748, 7.874
Yxy	41.0134, 0.3470, 0.3202
Android (android.graphics.Color)	4291535272 (0xFFCBA1A8)
YUV	174.3560, -3.1335, 25.1208
Hunter-Lab	64.0417, 11.7961, 5.3716

Details

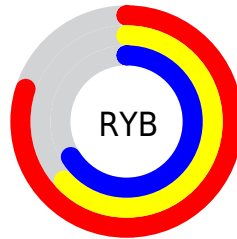
The XYZ color **44.4414, 41.0134, 42.6199** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.0194, 54.2756, 60.2780**, and the grayscale version is **40.4235, 42.5287, 46.3138**.

A 20% lighter version of the original color is **79.1151, 75.6994, 80.2537**, and **20.8338, 18.4941, 18.9947** is the 20% darker color. If you saturate the color by 10%, you get **39.7029, 33.8965, 33.7637**, and if you desaturate by 10%, it is **49.9632, 49.3679, 52.7500**.

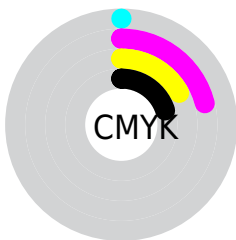
Distribution



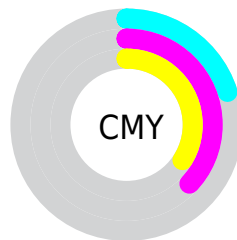
- Red (80%)
- Green (63%)
- Blue (66%)



- Red (80%)
- Yellow (63%)
- Blue (66%)



- Cyan (0%)
- Magenta (21%)
- Yellow (17%)
- Black (20%)



- Cyan (20%)
- Magenta (37%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.4414, 41.0134, 42.6199 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 44.4414, 41.0134, 42.6199 by changing the saturation by 10% instead.


 44.4414, 41.0134,
42.6199


 44.4414, 41.0134,
42.6199


355.3284,
350.3766, 372.9215

 31.2171, 28.3296,
29.2578


 81.1238, 76.7042,
80.4172

 20.9168, 18.5742,
19.0287


 105.3125,
100.4800, 105.6894

 13.1753, 11.3630,
11.5140


133.8868,
128.7219, 135.7688

 7.6272, 6.3116,
6.2952

167.2119,
161.8143, 171.0738

 3.9071, 3.0354,
2.9537

205.6533,
200.1415, 212.0230

 1.6497, 1.1503,
1.0710

249.5763,

 0.4245, 0.0205,

244.0881, 259.0350

0.0000

299.3462,
294.0383, 312.5283

0.0000, 0.0000,
0.0000

44.4414, 41.0134,
42.6199

44.4414, 41.0134,
42.6199

39.7029, 33.8965,
33.7637

49.9632, 49.3679,
52.7500

35.7087, 27.9530,
26.1280

56.2982, 59.0091,
64.1990

32.4215, 23.1212,
19.6598

63.4789, 69.9904,
77.0131

29.7994, 19.3318,
14.3010

71.5350, 82.3603,
91.2355

27.7961, 16.5076,
9.9882

78.0535, 91.2825,
106.0936

■ 26.3590, 14.5603,
6.6518

■ 78.4388, 91.4366,
108.1226

■ 25.4267, 13.3858,
4.2132

■ 24.9150, 12.8111,
2.6594

Harmonies

Analogous

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



44.0729, 41.0134, 50.5888



44.4414, 41.0134, 42.6199



43.2937, 41.0134, 36.0132

Triad

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



44.4414, 41.0134, 42.6199



35.8339, 41.0134, 33.7664



37.0297, 41.0134, 60.1556

Complementary

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



44.4414, 41.0134, 42.6199



46.0194, 54.2756, 60.2780

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.



34.9665, 41.0134, 54.5829



44.4414, 41.0134, 42.6199



34.2990, 41.0134, 39.2073

Square

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



44.4414, 41.0134, 42.6199



38.2642, 41.0134, 31.3071



33.9891, 41.0134, 46.7572



39.7087, 41.0134, 61.3461

Rectangle

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



44.4414, 41.0134, 42.6199



41.8536, 41.0134, 33.0508



33.9891, 41.0134, 46.7572



36.2449, 41.0134, 58.7037

Sweetspot

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



44.4425, 41.0153, 42.6208



88.3763, 89.8295, 96.8814



46.2906, 41.5392, 62.0785



18.7673, 19.0008, 20.4674



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.



44.4425, 41.0153, 42.6208



70.5707, 62.8889, 64.2161



46.3929, 45.9313, 40.1409



11.2873, 11.2437, 12.0476



15.8785, 8.1620, 1.8130



0.8435, 0.4308, 0.2217

Inverse Universe

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



44.4425, 41.0153, 42.6208



70.5707, 62.8889, 64.2161



43.6766, 48.2855, 63.5185



11.2873, 11.2437, 12.0476



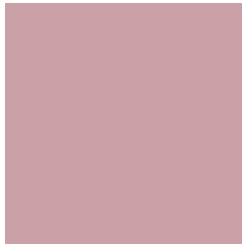
15.8785, 8.1620, 1.8130



0.8435, 0.4308, 0.2217

Previews

White Background



This preview shows how the XYZ color 44.4414, 41.0134, 42.6199 looks on a white background.

Color Contrast Check

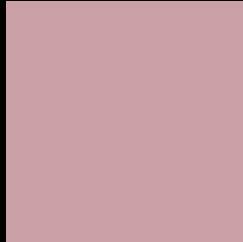
Large Text (above 18pt) WCAG AA × Fail

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 44.4414, 41.0134, 42.6199 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 44.4414, 41.0134, 42.6199

Background



This preview shows how black text looks on a background with the XYZ color 44.4414, 41.0134, 42.6199.



This preview shows how white text looks on a background with the XYZ color 44.4414, 41.0134,

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

44.4414, 41.0134, 42.6199

Protanopia

39.6585, 41.1805, 45.9028

Deuteranopia

41.8465, 41.0096, 42.2693



Tritanopia

45.0155, 40.9961, 45.0756

Trichromacy



Original Color

44.4414, 41.0134, 42.6199

Protanomaly

41.2727, 40.9303, 44.7548

Deuteranomaly

42.7562, 40.9430, 42.2085

Tritanomaly

44.8233, 40.9193, 44.0638

Monochromacy



Original Color

44.4414, 41.0134, 42.6199

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

41.6419, 41.6688, 44.8778

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.4414, 41.0134, 42.6199 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(203, 161, 168)` looks like.

```
.text, #text, p{  
    color:rgb(203, 161, 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(203, 161, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 161, 168) }
```

Border

The CSS property to change the border of an element to XYZ 44.4414, 41.0134, 42.6199 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(203, 161, 168) }
```


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

```
.border{ border-color:rgb(203, 161, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 161, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 161, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 161, 168);  
box-shadow:4px 4px 4px 4px rgb(203, 161,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 44.4414, 41.0134, 42.6199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 161, 168) }
```

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

```
.background{ background-color: rgb(203,  
161, 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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