

Converting Colors

XYZ(44.2082, 41.1761, 52.0182)

Have a look what the booklet for
XYZ(44.2082, 41.1761, 52.0182)
contains.

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Color

**XYZ(44.2083, 41.2089,
52.0785)**

Conversions

Conversions Part 1

Format	Color
Hex	C2A3BA
RGB	194, 163, 186
RGB Percent	76%, 64%, 73%
CMY	0.2392, 0.3608, 0.2706
CMYK	0.00, 0.16, 0.04, 0.24
HSL	315°, 20%, 70%
HSV	315°, 16%, 76%
XYZ	44.2083, 41.2089, 52.0785
YIQ	174.8910, 11.0930, 13.7250

Conversions

Conversions Part 2

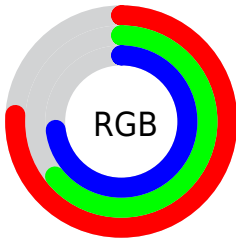
Format	Color
RYB	194, 163, 186
Decimal	12755898
CIELab	70.32, 15.32, -7.58
CIELCh	70, 17.093, 333.682
Yxy	41.2089, 0.3215, 0.2997
Android (android.graphics.Color)	4290945978 (0xFFC2A3BA)
YUV	174.8910, 5.4767, 16.7586
Hunter-Lab	64.1942, 10.5870, -3.1640

Details

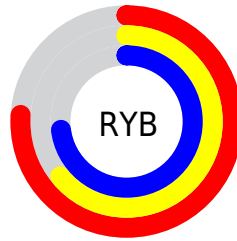
The XYZ color **44.2083, 41.2089, 52.0785** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.7484, 49.3116, 45.8481**, and the grayscale version is **40.6608, 42.7783, 46.5856**.

A 20% lighter version of the original color is **80.8821, 77.0628, 94.6161**, and **20.7333, 18.6378, 24.6950** is the 20% darker color. If you saturate the color by 10%, you get **40.5018, 34.6323, 48.2629**, and if you desaturate by 10%, it is **48.4643, 48.8533, 56.1703**.

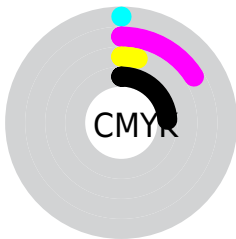
Distribution



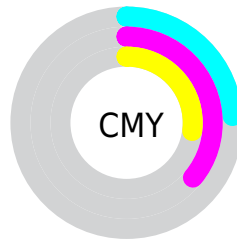
- Red (76%)
- Green (64%)
- Blue (73%)



- Red (76%)
- Yellow (64%)
- Blue (73%)



- Cyan (0%)
- Magenta (16%)
- Yellow (4%)
- Black (24%)





- Cyan (24%)
- Magenta (36%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.2083, 41.2089, 52.0785 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 44.2083, 41.2089, 52.0785 by changing the saturation by 10% instead.


 44.2083, 41.2089,
52.0785


 44.2083, 41.2089,
52.0785


354.3955,
351.1930, 411.7052

 31.0329, 28.4824,
36.6850


 80.7755, 77.0009,
94.6748

 20.7759, 18.6896,
24.6698


 104.8980,
100.8352, 122.7146

 13.0718, 11.4462,
15.6144


133.4003,
129.1408, 155.8069

 7.5553, 6.3678,
9.1003

166.6477,
162.3021, 194.3703

 3.8612, 3.0700,
4.7090

205.0056,
200.7036, 238.8233

 1.6239, 1.1684,
2.0218

248.8392,

 0.4079, 0.0357,

244.7297, 289.5844

0.5686

298.5141,
294.7646, 347.0722

■ 0.0000, 0.0000,
0.0000

■ 44.2083, 41.2089,
52.0785

■ 44.2083, 41.2089,
52.0785

■ 40.5018, 34.6323,
48.2629

■ 48.4643, 48.8533,
56.1703

■ 37.3169, 29.0701,
44.7118

■ 53.2888, 57.6052,
60.5440

■ 34.6289, 24.4723,
41.4165

■ 58.7043, 67.5088,
65.2086

■ 32.4093, 20.7825,
38.3666

■ 64.7311, 78.6042,
70.1718

■ 30.6269, 17.9384,
35.5506

■ 69.7709, 87.6945,
74.9015

■ 29.2465, 15.8699,
32.9558

■ 70.4088, 87.9496,
78.2604

■ 28.2271, 14.4955,
30.5677

■ 71.0664, 88.2127,
81.7233

■ 27.5171, 13.7125,
28.3679

■ 71.7439, 88.4837,
85.2909

■ 27.2772, 13.4810,
27.5221

■ 72.4415, 88.7627,
88.9643

Harmonies

Analogous

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



42.2384, 41.2089, 59.0025



44.2083, 41.2089, 52.0785



44.8054, 41.2089, 43.8840

Triad

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



44.2083, 41.2089, 52.0785



38.8222, 41.2089, 31.1425



34.8455, 41.2089, 54.0007

Complementary

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



44.2083, 41.2089, 52.0785



41.7484, 49.3116, 45.8481

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.



34.0241, 41.2089, 45.8696



44.2083, 41.2089, 52.0785



36.2498, 41.2089, 33.1954

Square

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



44.2083, 41.2089, 52.0785



41.6101, 41.2089, 32.3899



34.5258, 41.2089, 38.3585



36.8230, 41.2089, 60.2021

Rectangle

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



44.2083, 41.2089, 52.0785



44.3222, 41.2089, 38.9421



34.5258, 41.2089, 38.3585



34.4294, 41.2089, 51.3698

Sweetspot

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



44.2095, 41.2107, 52.0794



88.5463, 89.8498, 102.4556



39.5767, 38.7214, 56.4278



19.2608, 19.4415, 22.3160



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.



44.2095, 41.2107, 52.0794



77.7549, 70.4914, 92.0009



42.6737, 40.5964, 43.9918



10.3827, 10.2017, 12.1057



17.9685, 8.8772, 18.2781



0.8031, 0.3943, 0.9307

Inverse Universe

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



44.2095, 41.2107, 52.0794



77.7549, 70.4914, 92.0009



43.2870, 49.9271, 53.9504



10.3827, 10.2017, 12.1057



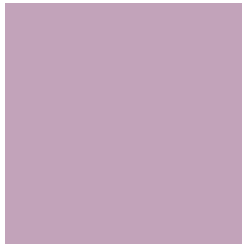
17.9685, 8.8772, 18.2781



0.8031, 0.3943, 0.9307

Previews

White Background



This preview shows how the XYZ color 44.2083, 41.2089, 52.0785 looks on a white background.

Color Contrast Check

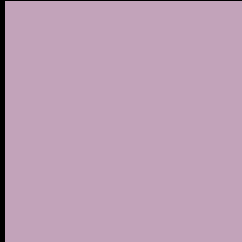
Large Text (above 18pt) WCAG AA × Fail

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 44.2083, 41.2089, 52.0785 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

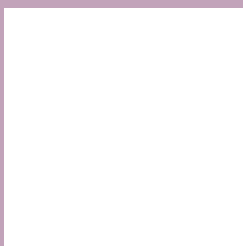
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.2083, 41.2089, 52.0785

Background



This preview shows how black text looks on a background with the XYZ color 44.2083, 41.2089, 52.0785.



This preview shows how white text looks on a background with the XYZ color 44.2083, 41.2089, 52.0785.

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

44.2083, 41.2089, 52.0785

Protanopia

40.5444, 41.4335, 55.1507

Deuteranopia

42.1041, 41.2075, 51.6337



Tritanopia

43.2036, 41.0627, 47.2438

Trichromacy



Original Color

44.2083, 41.2089, 52.0785

Protanomaly

41.7783, 41.2631, 53.9067

Deuteranomaly

42.8867, 41.3400, 51.6180

Tritanomaly

43.5060, 41.1837, 48.8362

Monochromacy



Original Color

44.2083, 41.2089, 52.0785

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.9910, 42.3256, 48.6043

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.2083, 41.2089, 52.0785 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, 163, 186)` looks like.

```
.text, #text, p{  
    color:rgb(194, 163, 186)  
}
```

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, 163, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 163, 186) }
```

Border

The CSS property to change the border of an element to XYZ 44.2083, 41.2089, 52.0785 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, 163, 186) }
```


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

```
.border{ border-color:rgb(194, 163, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 163, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 163, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 163, 186);  
box-shadow:4px 4px 4px 4px rgb(194, 163,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 44.2083, 41.2089, 52.0785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 163, 186) }
```

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

```
.background{ background-color: rgb(194,  
163, 186) }
```

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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