

Converting Colors

XYZ(44.3933, 41.7207, 64.7458)

Have a look what the booklet for
XYZ(44.3933, 41.7207, 64.7458)
contains.

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Color

**XYZ(44.4271, 41.8447,
64.7668)**

Conversions

Conversions Part 1

Format	Color
Hex	B7A6CF
RGB	183, 166, 207
RGB Percent	72%, 65%, 81%
CMY	0.2823, 0.3490, 0.1882
CMYK	0.12, 0.20, 0.00, 0.19
HSL	265°, 30%, 73%
HSV	265°, 20%, 81%
XYZ	44.4271, 41.8447, 64.7668
YIQ	175.7570, -3.0290, 16.3550

Conversions

Conversions Part 2

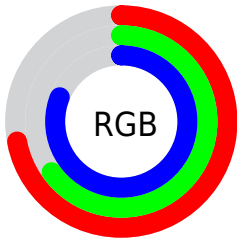
Format	Color
R_{YB}	183, 166, 207
Decimal	12035791
CIE _{Lab}	70.76, 14.06, -18.61
CIE _{LCh}	71, 23.320, 307.066
Yxy	41.8447, 0.2941, 0.2770
Android (android.graphics.Color)	4290225871 (0xFFB7A6CF)
YUV	175.7570, 15.4028, 6.3521
Hunter-Lab	64.6875, 9.3900, -14.0815

Details

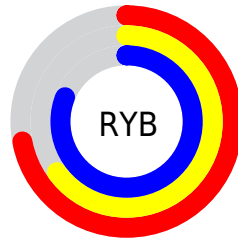
The XYZ color **44.4271, 41.8447, 64.7668** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **50.4325, 58.3271, 44.6786**, and the grayscale version is **41.0649, 43.2035, 47.0486**.

A 20% lighter version of the original color is **79.5031, 77.2836, 105.3347**, and **20.9730, 19.0804, 32.7145** is the 20% darker color. If you saturate the color by 10%, you get **38.2038, 33.4938, 63.4836**, and if you desaturate by 10%, it is **51.5068, 51.5383, 66.2654**.

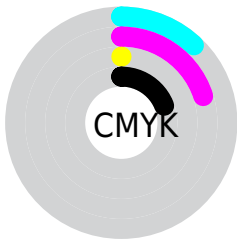
Distribution



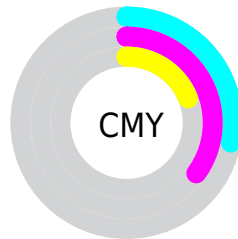
- Red (72%)
- Green (65%)
- Blue (81%)



- Red (72%)
- Yellow (65%)
- Blue (81%)



- Cyan (12%)
- Magenta (20%)
- Yellow (0%)
- Black (19%)



- Cyan (28%)
- Magenta (35%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.4271, 41.8447, 64.7668 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 44.4271, 41.8447, 64.7668 by changing the saturation by 10% instead.

■ 44.4271, 41.8447,
64.7668

■ 44.4271, 41.8447,
64.7668

355.2712,
353.8388, 460.2367

■ 31.2058, 28.9797,
46.8219

■ 81.1024, 77.9645,
113.3246

■ 20.9082, 19.0655,
32.5415

■ 105.2871,
101.9882, 144.7745

■ 13.1690, 11.7176,
21.5072

133.8570,
130.5001, 181.5632

■ 7.6228, 6.5517,
13.3004

167.1773,
163.8848, 224.1092

■ 3.9043, 3.1833,
7.5026

205.6136,
202.5266, 272.8310

■ 1.6481, 1.2282,
3.6952

249.5311,

■ 0.4235, 0.0845,

246.8100, 328.1471

1.4597

299.2952,
297.1192, 390.4762

■ 0.0000, 0.0000,
0.1876

■ 0.0000, 0.0000,
0.0000

■ 44.4271, 41.8447,
64.7668

■ 44.4271, 41.8447,
64.7668

■ 38.2038, 33.4938,
63.4836

■ 51.5068, 51.5383,
66.2654

■ 32.7979, 26.4192,
62.4030

■ 59.4720, 62.6265,
67.9858

■ 28.1729, 20.5569,
61.5152

■ 68.3551, 75.1645,
69.9377

■ 24.2878, 15.8348,
60.8085

■ 78.1857, 89.2033,
72.1293

■ 21.0974, 12.1731,
60.2699

■ 84.1889, 95.1850,
72.9675

■ 18.5508, 9.4810,
59.8845

■ 88.2626, 97.2850,
73.1581

■ 16.5888, 7.6517,
59.6348

■ 15.1102, 6.4951,
59.4895

■ 15.0841, 6.4751,
59.4870

Harmonies

Analogous

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



40.6943, 41.8447, 70.1477



44.4271, 41.8447, 64.7668



47.0251, 41.8447, 54.3795

Triad

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



44.4271, 41.8447, 64.7668



42.7424, 41.8447, 28.6208



32.8361, 41.8447, 48.2333

Complementary

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



44.4271, 41.8447, 64.7668



50.4325, 58.3271, 44.6786

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.



33.3062, 41.8447, 37.7528



44.4271, 41.8447, 64.7668



38.8640, 41.8447, 27.5185

Square

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



44.4271, 41.8447, 64.7668



46.0092, 41.8447, 33.8879



35.4542, 41.8447, 30.5866



34.1259, 41.8447, 59.6490

Rectangle

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



44.4271, 41.8447, 64.7668



47.6747, 41.8447, 46.6613



35.4542, 41.8447, 30.5866



32.7950, 41.8447, 44.4796

Sweetspot

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



44.4284, 41.8465, 64.7677



87.1431, 88.9644, 107.1866



45.5336, 49.7009, 66.2255



18.4749, 18.7958, 22.9042



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.



44.4284, 41.8465, 64.7677



66.5630, 60.8016, 102.8354



49.5013, 44.4616, 65.0051



11.6214, 11.6536, 14.8805



9.6056, 4.1322, 37.4838



0.6264, 0.2771, 2.1000

Inverse Universe

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



48.6641, 44.2574, 54.6949



74.7178, 65.4468, 83.2825



45.7964, 55.9371, 44.4616



12.0948, 11.9227, 13.7751



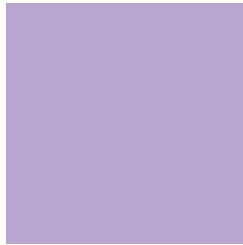
18.4418, 9.2495, 12.4984



1.0702, 0.5328, 0.9043

Previews

White Background



This preview shows how the XYZ color 44.4271, 41.8447, 64.7668 looks on a white background.

Color Contrast Check

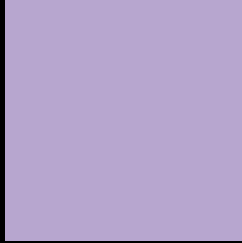
Large Text (above 18pt) WCAG AA × Fail

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 44.4271, 41.8447, 64.7668 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

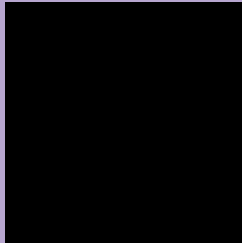
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.4271, 41.8447, 64.7668

Background



This preview shows how black text looks on a background with the XYZ color 44.4271, 41.8447, 64.7668.



This preview shows how white text looks on a background with the XYZ color 44.4271, 41.8447,

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

44.4271, 41.8447, 64.7668

Protanopia

41.8202, 42.1007, 67.5501

Deuteranopia

42.7841, 41.8308, 64.2117



Tritanopia

41.6169, 41.7938, 51.2210

Trichromacy



Original Color

44.4271, 41.8447, 64.7668

Protanomaly

42.8022, 42.0605, 66.8353

Deuteranomaly

43.2747, 41.8086, 64.1816

Tritanomaly

42.5248, 41.8850, 55.7125

Monochromacy



Original Color

44.4271, 41.8447, 64.7668

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

42.3126, 42.6766, 53.0210

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.4271, 41.8447, 64.7668 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(183, 166, 207)` looks like.

```
.text, #text, p{  
    color:rgb(183, 166, 207)  
}
```

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(183, 166, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 166, 207) }
```

Border

The CSS property to change the border of an element to XYZ 44.4271, 41.8447, 64.7668 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(183, 166, 207) }
```


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

```
.border{ border-color:rgb(183, 166, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 166, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 166, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 166, 207);  
box-shadow:4px 4px 4px 4px rgb(183, 166,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 44.4271, 41.8447, 64.7668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 166, 207) }
```

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

```
.background{ background-color: rgb(183,  
166, 207) }
```

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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