

Converting Colors

XYZ(47.0530, 41.9033, 63.3658)

Have a look what the booklet for
XYZ(47.0530, 41.9033, 63.3658)
contains.

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Color

**XYZ(47.0530, 41.9033,
63.3658)**

Conversions

Conversions Part 1

Format	Color
Hex	C6A1CD
RGB	198, 161, 205
RGB Percent	78%, 63%, 80%
CMY	0.2235, 0.3686, 0.1961
CMYK	0.03, 0.21, 0.00, 0.20
HSL	290°, 31%, 72%
HSV	290°, 21%, 80%
XYZ	47.0530, 41.9033, 63.3658
YIQ	177.0790, 7.9280, 21.5280

Conversions

Conversions Part 2

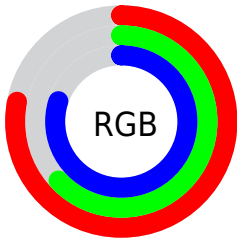
Format	Color
RYB	198, 161, 205
Decimal	13017549
CIELab	70.80, 21.38, -17.32
CIELCh	71, 27.513, 320.995
Yxy	41.9033, 0.3089, 0.2751
Android (android.graphics.Color)	4291207629 (0xFFC6A1CD)
YUV	177.0790, 13.7651, 18.3477
Hunter-Lab	64.7328, 16.4659, -12.7250

Details

The XYZ color **47.0530, 41.9033, 63.3658** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **44.4143, 54.5618, 41.9109**, and the grayscale version is **41.7596, 43.9343, 47.8445**.

A 20% lighter version of the original color is **83.8459, 77.5917, 105.1653**, and **22.5562, 19.1009, 31.7762** is the 20% darker color. If you saturate the color by 10%, you get **42.9100, 34.8792, 62.2290**, and if you desaturate by 10%, it is **51.8044, 50.1151, 64.7011**.

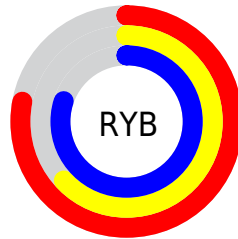
Distribution



Red (78%)

Green (63%)

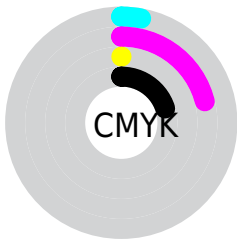
Blue (80%)



Red (78%)

Yellow (63%)

Blue (80%)

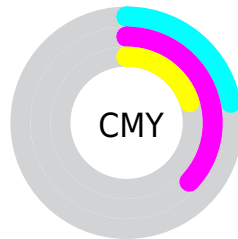


Cyan (3%)

Magenta (21%)

Yellow (0%)

Black (20%)



Cyan (22%)

Magenta (37%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.0530, 41.9033, 63.3658 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 47.0530, 41.9033, 63.3658 by changing the saturation by 10% instead.

47.0530, 41.9033,
63.3658

47.0530, 41.9033,
63.3658

365.6714,
354.0819, 455.0403

33.2857, 29.0256,
45.6943

85.0110, 78.0533,
111.2877

22.5057, 19.1002,
31.6577

109.9324,
102.0943, 142.3753

14.3476, 11.7427,
20.8376

139.3025,
130.6252, 178.7719

8.4461, 6.5687,
12.8152

173.4867,
164.0304, 220.8961

4.4359, 3.1939,
7.1722

212.8503,
202.6943, 269.1666

1.9516, 1.2338,
3.4900

257.7587,

0.6065, 0.0890,

247.0012, 324.0017

1.3499

308.5773,
297.3356, 385.8201

■ 0.0000, 0.0000,
0.1022

■ 0.0000, 0.0000,
0.0000

■ 47.0530, 41.9033,
63.3658

■ 47.0530, 41.9033,
63.3658

■ 42.9100, 34.8792,
62.2290

■ 51.8044, 50.1151,
64.7011

■ 39.3429, 28.9803,
61.2784

■ 57.1870, 59.5627,
66.2409

■ 36.3218, 24.1463,
60.5046

■ 63.2274, 70.2978,
67.9946

■ 33.8127, 20.3091,
59.8962

■ 69.9492, 82.3678,
69.9701

■ 31.7774, 17.3929,
59.4406

■ 74.6013, 90.2705,
71.2503

■ 30.1723, 15.3105,
59.1232

■ 75.5646, 90.7671,
71.2954

■ 28.9455, 13.9583,
58.9269

■ 76.5471, 91.2736,
71.3413

■ 28.1177, 13.2222,
58.8284

■ 77.5489, 91.7900,
71.3882

■ 78.5701, 92.3165,
71.4360

Harmonies

Analogous

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



43.0594, 41.9033, 73.3804



47.0530, 41.9033, 63.3658



49.1511, 41.9033, 49.6785

Triad

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



47.0530, 41.9033, 63.3658



41.2189, 41.9033, 25.0123



32.1753, 41.9033, 55.2479

Complementary

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



47.0530, 41.9033, 63.3658



44.4143, 54.5618, 41.9109

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.



31.7650, 41.9033, 41.7993



47.0530, 41.9033, 63.3658



36.7621, 41.9033, 25.9347

Square

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



47.0530, 41.9033, 63.3658



45.6176, 41.9033, 28.7322



33.3830, 41.9033, 31.5502



34.5499, 41.9033, 68.1057

Rectangle

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



47.0530, 41.9033, 63.3658



49.0902, 41.9033, 40.9928



33.3830, 41.9033, 31.5502



31.8106, 41.9033, 50.5949

Sweetspot

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



47.0543, 41.9051, 63.3667



89.4720, 90.1649, 107.2956



39.7834, 40.1153, 63.4045



19.0258, 19.0798, 22.9300



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.



47.0543, 41.9051, 63.3667



73.6484, 62.8003, 102.8477



47.2538, 42.2030, 54.5631



11.5055, 11.3099, 14.1470



17.5710, 8.2657, 36.6256



0.9547, 0.4513, 1.8917

Inverse Universe

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



44.9911, 41.2979, 42.6479



69.7108, 61.6613, 62.4116



44.3343, 54.3622, 49.0596



11.2839, 11.2423, 12.0296



15.8641, 8.1562, 1.7373



0.8419, 0.4302, 0.2134

Previews

White Background



This preview shows how the XYZ color 47.0530, 41.9033, 63.3658 looks on a white background.

Color Contrast Check

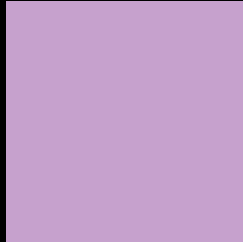
Large Text (above 18pt) WCAG AA × Fail

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 47.0530, 41.9033, 63.3658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

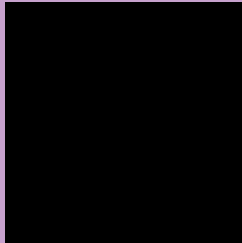
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.0530, 41.9033, 63.3658

Background



This preview shows how black text looks on a background with the XYZ color 47.0530, 41.9033, 63.3658.



This preview shows how white text looks on a background with the XYZ color 47.0530, 41.9033,

63.3658.

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

47.0530, 41.9033, 63.3658

Protanopia

41.9460, 42.1510, 68.2125

Deuteranopia

42.8720, 41.9178, 62.3313



Tritanopia

44.0210, 41.9964, 48.4338

Trichromacy



Original Color

47.0530, 41.9033, 63.3658

Protanomaly

43.4158, 41.8388, 66.1090

Deuteranomaly

44.3025, 41.8224, 62.8643

Tritanomaly

44.8582, 41.7839, 53.2778

Monochromacy



Original Color

47.0530, 41.9033, 63.3658

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

43.5401, 43.0280, 53.0241

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.0530, 41.9033, 63.3658 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(198, 161, 205)` looks like.

```
.text, #text, p{  
    color:rgb(198, 161, 205)  
}
```

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(198, 161, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 161, 205) }
```

Border

The CSS property to change the border of an element to XYZ 47.0530, 41.9033, 63.3658 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(198, 161, 205) }
```


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

```
.border{ border-color:rgb(198, 161, 205) }
```

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

Here you see how a box with a 4 pixel rgb(198, 161, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 161, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 161, 205);  
box-shadow:4px 4px 4px 4px rgb(198, 161,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 47.0530, 41.9033, 63.3658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 161, 205) }
```

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

```
.background{ background-color: rgb(198,  
161, 205) }
```

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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