

Converting Colors

XYZ(48.2597, 43.6832, 61.2475)

Have a look what the booklet for
XYZ(48.2597, 43.6832, 61.2475)
contains.

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Color

**XYZ(48.0851, 43.5448,
61.1290)**

Conversions

Conversions Part 1

Format	Color
Hex	C9A5C9
RGB	201, 165, 201
RGB Percent	79%, 65%, 79%
CMY	0.2118, 0.3529, 0.2118
CMYK	0.00, 0.18, 0.00, 0.21
HSL	300°, 25%, 72%
HSV	300°, 18%, 79%
XYZ	48.0851, 43.5448, 61.1290
YIQ	179.8680, 9.9000, 18.8280

Conversions

Conversions Part 2

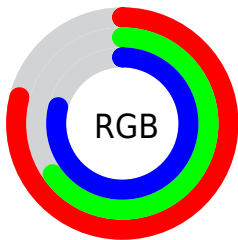
Format	Color
RYB	201, 165, 201
Decimal	13215177
CIELab	71.92, 19.43, -13.40
CIELCh	72, 23.600, 325.407
Yxy	43.5448, 0.3148, 0.2851
Android (android.graphics.Color)	4291405257 (0xFFC9A5C9)
YUV	179.8680, 10.4181, 18.5328
Hunter-Lab	65.9885, 14.5912, -8.7319

Details

The XYZ color **48.0851, 43.5448, 61.1290** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **43.1969, 52.4904, 43.4545**, and the grayscale version is **43.2549, 45.5075, 49.5577**.

A 20% lighter version of the original color is **84.8832, 79.6664, 105.5111**, and **23.2042, 20.1199, 30.2643** is the 20% darker color. If you saturate the color by 10%, you get **44.7413, 36.8564, 60.0149**, and if you desaturate by 10%, it is **52.0013, 51.3765, 62.4349**.

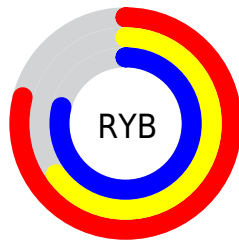
Distribution



Red (79%)

Green (65%)

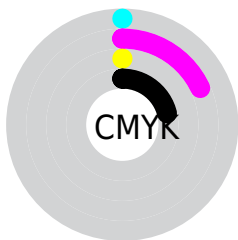
Blue (79%)



Red (79%)

Yellow (65%)

Blue (79%)

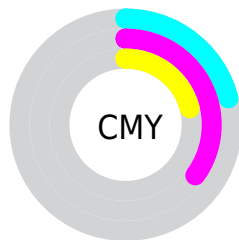


Cyan (0%)

Magenta (18%)

Yellow (0%)

Black (21%)



Cyan (21%)


Magenta (35%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.0851, 43.5448, 61.1290 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 48.0851, 43.5448, 61.1290 by changing the saturation by 10% instead.


 48.0851, 43.5448,
61.1290


 48.0851, 43.5448,
61.1290

369.7063,
360.8475, 446.6665

 34.1058, 30.3128,
43.8981


 86.5400, 80.5323,
108.0250

 23.1382, 20.0761,
30.2538


 111.7464,
105.0567, 138.5272

 14.8168, 12.4504,
19.7776


141.4258,
134.1139, 174.2902

 8.7764, 7.0512,
12.0510

175.9436,
168.0885, 215.7326

 4.6516, 3.4941,
6.6555

215.6652,
207.3647, 263.2729

 2.0769, 1.3948,
3.1724

260.9560,

 0.6766, 0.2129,

252.3270, 317.3296

1.1833

312.1812,
303.3598, 378.3213

■ 0.0000, 0.0000,
0.0000

■ 48.0851, 43.5448,
61.1290

■ 48.0851, 43.5448,
61.1290

■ 44.7413, 36.8564,
60.0149

■ 52.0013, 51.3765,
62.4349

■ 41.9393, 31.2525,
59.0809

■ 56.5108, 60.3955,
63.9381

■ 39.6519, 26.6778,
58.3184

■ 61.6382, 70.6502,
65.6472

■ 37.8479, 23.0696,
57.7170

■ 67.4056, 82.1850,
67.5697

■ 36.4924, 20.3587,
57.2652

■ 70.3905, 88.1548,
68.5647

■ 35.5462, 18.4664,
56.9498

■ 70.3905, 88.1548,
68.5647

■ 34.9634, 17.3006,
56.7555

■ 70.3905, 88.1548,
68.5647

■ 34.6760, 16.7260,
56.6597

■ 70.3905, 88.1548,
68.5648

■ 34.6304, 16.6348,
56.6445

■ 70.3905, 88.1548,
68.5648

Harmonies

Analogous

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



44.7950, 43.5448, 70.3601



48.0851, 43.5448, 61.1290



49.5837, 43.5448, 49.2082

Triad

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



48.0851, 43.5448, 61.1290



42.0102, 43.5448, 28.5879



34.7892, 43.5448, 57.5627

Complementary

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



48.0851, 43.5448, 61.1290



43.1969, 52.4904, 43.4545

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.



34.1492, 43.5448, 45.6618



48.0851, 43.5448, 61.1290



38.1584, 43.5448, 30.0914

Square

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



48.0851, 43.5448, 61.1290



45.9349, 43.5448, 31.4199



35.3436, 43.5448, 35.9192



37.1516, 43.5448, 68.0784

Rectangle

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



48.0851, 43.5448, 61.1290



49.2988, 43.5448, 41.7695



35.3436, 43.5448, 35.9192



34.3723, 43.5448, 53.5429

Sweetspot

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



48.0864, 43.5467, 61.1299



91.1166, 92.1332, 107.5888



39.5167, 39.1289, 60.7289



19.3889, 19.4928, 22.9905



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.



48.0864, 43.5467, 61.1299



80.2817, 70.4634, 103.9772



46.0912, 42.7486, 50.6234



11.0832, 10.8166, 13.4212



21.7740, 10.4592, 35.6154



1.0310, 0.4952, 1.6864

Inverse Universe

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



48.0864, 43.5467, 61.1299



80.2817, 70.4634, 103.9772



44.9525, 53.1927, 52.6993



11.0832, 10.8166, 13.4212



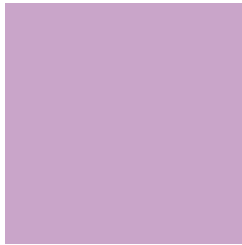
21.7740, 10.4592, 35.6154



1.0310, 0.4952, 1.6864

Previews

White Background



This preview shows how the XYZ color 48.0851, 43.5448, 61.1290 looks on a white background.

Color Contrast Check

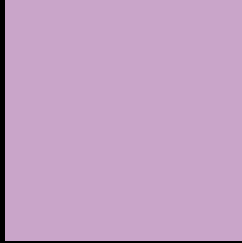
Large Text (above 18pt) WCAG AA × Fail

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 48.0851, 43.5448, 61.1290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

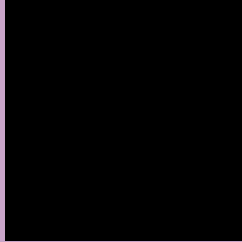
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.0851, 43.5448, 61.1290

Background



This preview shows how black text looks on a background with the XYZ color 48.0851, 43.5448, 61.1290.



This preview shows how white text looks on a background with the XYZ color 48.0851, 43.5448,

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

48.0851, 43.5448, 61.1290

Protanopia

43.2927, 43.7601, 65.8393

Deuteranopia

44.7063, 43.7425, 60.7304



Tritanopia

45.7348, 43.3884, 50.2203

Trichromacy



Original Color

48.0851, 43.5448, 61.1290

Protanomaly

44.6384, 43.3574, 63.7737

Deuteranomaly

45.8485, 43.4932, 60.6221

Tritanomaly

46.5572, 43.4537, 54.0777

Monochromacy



Original Color

48.0851, 43.5448, 61.1290

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

45.1461, 44.9822, 53.8799

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.0851, 43.5448, 61.1290 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(201, 165, 201)` looks like.

```
.text, #text, p{  
    color:rgb(201, 165, 201)  
}
```

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(201, 165, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 165, 201) }
```

Border

The CSS property to change the border of an element to XYZ 48.0851, 43.5448, 61.1290 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(201, 165, 201) }
```


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

```
.border{ border-color:rgb(201, 165, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 165, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 165, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 165, 201);  
box-shadow:4px 4px 4px 4px rgb(201, 165,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 48.0851, 43.5448, 61.1290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 165, 201) }
```

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

```
.background{ background-color: rgb(201,  
165, 201) }
```

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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