

Converting Colors

XYZ(48.3153, 39.9657, 60.1411)

Have a look what the booklet for
XYZ(48.3153, 39.9657, 60.1411)
contains.

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Color

**XYZ(48.3129, 39.8786,
60.4093)**

Conversions

Conversions Part 1

Format	Color
Hex	D396C9
RGB	211, 150, 201
RGB Percent	83%, 59%, 79%
CMY	0.1725, 0.4117, 0.2118
CMYK	0.00, 0.29, 0.05, 0.17
HSL	310°, 41%, 71%
HSV	310°, 29%, 83%
XYZ	48.3129, 39.8786, 60.4093
YIQ	174.0530, 19.9850, 28.7930

Conversions

Conversions Part 2

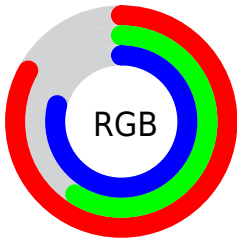
Format	Color
R _{YB}	211, 150, 201
Decimal	13866697
CIE _{Lab}	69.38, 31.01, -17.13
CIE _{LCh}	69, 35.422, 331.082
Yxy	39.8786, 0.3251, 0.2684
Android (android.graphics.Color)	4292056777 (0xFFD396C9)
YUV	174.0530, 13.2849, 32.4025
Hunter-Lab	63.1495, 26.0508, -12.5126

Details

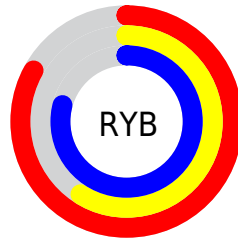
The XYZ color **48.3129, 39.8786, 60.4093** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **42.2187, 55.6118, 41.7690**, and the grayscale version is **40.1871, 42.2799, 46.0428**.

A 20% lighter version of the original color is **81.1213, 72.1426, 104.2571**, and **23.3444, 17.9099, 29.8303** is the 20% darker color. If you saturate the color by 10%, you get **44.8422, 33.5806, 57.2675**, and if you desaturate by 10%, it is **52.4014, 47.3963, 63.8031**.

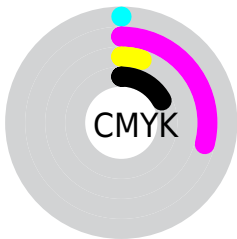
Distribution



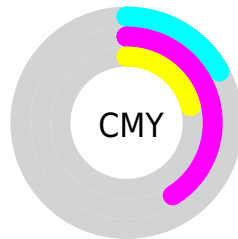
- Red (83%)
- Green (59%)
- Blue (79%)



- Red (83%)
- Yellow (59%)
- Blue (79%)



- Cyan (0%)
- Magenta (29%)
- Yellow (5%)
- Black (17%)




- Cyan (17%)
- Magenta (41%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.3129, 39.8786, 60.4093 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 48.3129, 39.8786, 60.4093 by changing the saturation by 10% instead.


 48.3129, 39.8786,
60.4093


 48.3129, 39.8786,
60.4093


370.5930,
345.6116, 443.9513

 34.2870, 27.4439,
43.3212


 86.8770, 74.9786,
106.9724

 23.2781, 17.9069,
29.8039


 112.1459, 98.4127,
137.2844

 14.9208, 10.8832,
19.4390


141.8932,
126.2821, 172.8414

 8.8498, 5.9883,
11.8079

176.4842,
158.9711, 214.0621

 4.6997, 2.8380,
6.4921

216.2844,
196.8642, 261.3648

 2.1051, 1.0477,
3.0729

261.6590,

 0.6920, 0.0000,

240.3457, 315.1683

1.1320

312.9734,
289.8000, 375.8909

■ 0.0000, 0.0000,
0.0000

■ 48.3129, 39.8786,
60.4093

■ 48.3129, 39.8786,
60.4093

■ 44.8422, 33.5806,
57.2675

■ 52.4014, 47.3963,
63.8031

■ 41.9531, 28.4317,
54.3641

■ 57.1342, 56.1885,
67.4568

■ 39.6111, 24.3627,
51.6877

■ 62.5408, 66.3134,
71.3808

■ 37.7766, 21.2943,
49.2248

■ 68.6476, 77.8237,
75.5844

■ 36.4046, 19.1365,
46.9600

■ 75.3181, 90.4466,
80.0222

■ 35.4420, 17.7833,
44.8755

■ 75.7765, 90.6299,
82.4359

■ 34.8038, 17.0648,
42.9425

■ 76.2444, 90.8171,
84.8998

■ 34.7412, 16.9998,
42.7365

■ 76.7218, 91.0081,
87.4140

■ 77.2089, 91.2029,
89.9789

Harmonies

Analogous

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



43.8390, 39.8786, 76.1764



48.3129, 39.8786, 60.4093



49.9326, 39.8786, 42.8317

Triad

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



48.3129, 39.8786, 60.4093



37.6971, 39.8786, 19.0174



29.2818, 39.8786, 61.6962

Complementary

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



48.3129, 39.8786, 60.4093



42.2187, 55.6118, 41.7690

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.



27.9802, 39.8786, 44.0157



48.3129, 39.8786, 60.4093



32.5293, 39.8786, 21.7291

Square

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



48.3129, 39.8786, 60.4093



43.4457, 39.8786, 21.3581



29.1081, 39.8786, 29.9597



32.8537, 39.8786, 77.0408

Rectangle

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



48.3129, 39.8786, 60.4093



49.0597, 39.8786, 33.0941



29.1081, 39.8786, 29.9597



28.5812, 39.8786, 55.6996

Sweetspot

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



48.3141, 39.8804, 60.4101



87.5607, 85.9814, 103.4442



36.9938, 33.9042, 66.2231



18.4998, 17.9528, 21.9595



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.



48.3141, 39.8804, 60.4101



70.6137, 54.7548, 89.5717



45.1558, 38.6171, 43.7789



12.2241, 11.9744, 14.4558



20.9984, 10.2722, 25.9614



1.1968, 0.5834, 1.5713

Inverse Universe

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



48.3141, 39.8804, 60.4101



70.6137, 54.7548, 89.5717



45.1294, 56.7761, 57.0966



12.2241, 11.9744, 14.4558



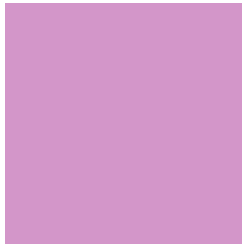
20.9984, 10.2722, 25.9614



1.1968, 0.5834, 1.5713

Previews

White Background



This preview shows how the XYZ color 48.3129, 39.8786, 60.4093 looks on a white background.

Color Contrast Check

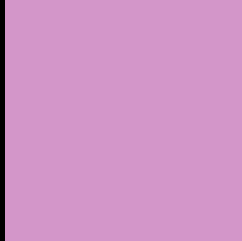
Large Text (above 18pt) WCAG AA × Fail

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 48.3129, 39.8786, 60.4093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

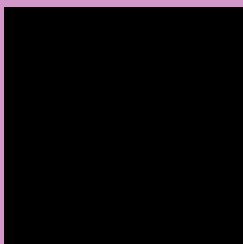
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.3129, 39.8786, 60.4093

Background



This preview shows how black text looks on a background with the XYZ color 48.3129, 39.8786, 60.4093.



This preview shows how white text looks on a background with the XYZ color 48.3129, 39.8786,

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

48.3129, 39.8786, 60.4093

Protanopia

40.3109, 40.1803, 68.5817

Deuteranopia

41.0628, 40.2339, 59.0278



Tritanopia

44.6885, 39.8695, 42.3860

Trichromacy



Original Color

48.3129, 39.8786, 60.4093

Protanomaly

42.6136, 39.5582, 65.7111

Deuteranomaly

43.3731, 39.8299, 59.4348

Tritanomaly

45.8062, 39.8164, 48.4511

Monochromacy



Original Color

48.3129, 39.8786, 60.4093

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

42.6004, 40.9358, 51.0035

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.3129, 39.8786, 60.4093 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(211, 150, 201)` looks like.

```
.text, #text, p{  
    color:rgb(211, 150, 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(211, 150, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 150, 201) }
```

Border

The CSS property to change the border of an element to XYZ 48.3129, 39.8786, 60.4093 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(211, 150, 201) }
```


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

```
.border{ border-color:rgb(211, 150, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 150, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 150, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 150, 201);  
box-shadow:4px 4px 4px 4px rgb(211, 150,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 48.3129, 39.8786, 60.4093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 150, 201) }
```

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

```
.background{ background-color: rgb(211,  
150, 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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