

Converting Colors

XYZ(47.3939, 39.1001, 60.9945)

Have a look what the booklet for
XYZ(47.3939, 39.1001, 60.9945)
contains.

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Color

**XYZ(47.4205, 39.1691,
60.9382)**

Conversions

Conversions Part 1

Format	Color
Hex	D095CA
RGB	208, 149, 202
RGB Percent	82%, 58%, 79%
CMY	0.1843, 0.4157, 0.2078
CMYK	0.00, 0.28, 0.03, 0.18
HSL	306°, 39%, 70%
HSV	306°, 28%, 82%
XYZ	47.4205, 39.1691, 60.9382
YIQ	172.6830, 18.1510, 28.9910

Conversions

Conversions Part 2

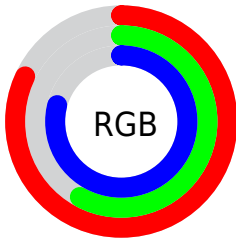
Format	Color
R_{YB}	208, 149, 202
Decimal	13669834
CIE _{Lab}	68.87, 30.73, -18.48
CIE _{LCh}	69, 35.860, 328.971
Yxy	39.1691, 0.3214, 0.2655
Android (android.graphics.Color)	4291859914 (0xFFD095CA)
YUV	172.6830, 14.4533, 30.9730
Hunter-Lab	62.5852, 25.7244, -13.9200

Details

The XYZ color **47.4205, 39.1691, 60.9382** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **40.8683, 53.8690, 39.2563**, and the grayscale version is **39.4825, 41.5387, 45.2357**.

A 20% lighter version of the original color is **80.8829, 71.6657, 104.1776**, and **22.7569, 17.4598, 30.1876** is the 20% darker color. If you saturate the color by 10%, you get **44.1706, 33.0667, 58.6279**, and if you desaturate by 10%, it is **51.2640, 46.4517, 63.4641**.

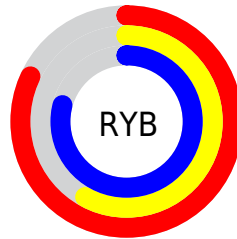
Distribution



Red (82%)

Green (58%)

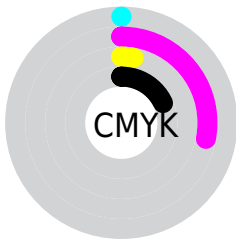
Blue (79%)



Red (82%)

Yellow (58%)

Blue (79%)

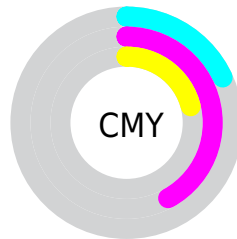


Cyan (0%)

Magenta (28%)

Yellow (3%)

Black (18%)



Cyan (18%)

Magenta (42%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.4205, 39.1691, 60.9382 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 47.4205, 39.1691, 60.9382 by changing the saturation by 10% instead.

47.4205, 39.1691,
60.9382

47.4205, 39.1691,
60.9382

367.1114,
342.6089, 445.9477

33.5775, 26.8913,
43.7451

85.5559, 73.8966,
107.7461

22.7306, 17.4916,
30.1344

110.5790, 97.1150,
138.1980

14.5143, 10.5856,
19.6877

140.0596,
124.7492, 173.9065

8.5633, 5.7889,
11.9864

174.3630,
157.1834, 215.2902

4.5123, 2.7172,
6.6120

213.8545,
194.8021, 262.7676

1.9958, 0.9859,
3.1459

258.8995,

0.6316, 0.0000,

237.9896, 316.7573

1.1696

309.8634,
287.1304, 377.6778

■ 0.0000, 0.0000,
0.0000

■ 47.4205, 39.1691,
60.9382

■ 47.4205, 39.1691,
60.9382

■ 44.1706, 33.0667,
58.6279

■ 51.2640, 46.4517,
63.4641

■ 41.4792, 28.0767,
56.5203

■ 55.7263, 54.9672,
66.2129

■ 39.3135, 24.1324,
54.6047

■ 60.8357, 64.7714,
69.1944

■ 37.6354, 21.1580,
52.8684

■ 66.6177, 75.9152,
72.4173

■ 36.4019, 19.0674,
51.2969

■ 73.0964, 88.4468,
75.8896

■ 35.5624, 17.7593,
49.8734

■ 73.9991, 89.8206,
77.5205

■ 35.0400, 17.0801,
48.5721

■ 74.2722, 89.9298,
78.9589

■ 34.9659, 16.9913,
48.3646

■ 74.5489, 90.0405,
80.4159

■ 74.8291, 90.1526,
81.8916

Harmonies

Analogous

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



42.7876, 39.1691, 76.3803



47.4205, 39.1691, 60.9382



49.2831, 39.1691, 43.2140

Triad

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



47.4205, 39.1691, 60.9382



37.4260, 39.1691, 18.3532



28.4490, 39.1691, 59.7094

Complementary

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



47.4205, 39.1691, 60.9382



40.8683, 53.8690, 39.2563

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.



27.3206, 39.1691, 42.0879



47.4205, 39.1691, 60.9382



32.1740, 39.1691, 20.6785

Square

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



47.4205, 39.1691, 60.9382



43.1624, 39.1691, 21.0280



28.6136, 39.1691, 28.4420



31.8660, 39.1691, 75.5530

Rectangle

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



47.4205, 39.1691, 60.9382



48.5717, 39.1691, 33.2460



28.6136, 39.1691, 28.4420



27.8058, 39.1691, 53.6750

Sweetspot

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



47.4217, 39.1708, 60.9390



87.7871, 86.0720, 104.6364



35.6328, 33.0097, 64.1686



18.5560, 17.9753, 22.2552



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.



47.4217, 39.1708, 60.9390



71.9607, 56.0412, 94.3600



44.2654, 37.9083, 44.3182



12.2568, 11.9875, 14.6282



21.8132, 10.5981, 30.2524



1.2350, 0.5987, 1.7721

Inverse Universe

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



47.4217, 39.1708, 60.9390



71.9607, 56.0412, 94.3600



43.6454, 54.9798, 53.8808



12.2568, 11.9875, 14.6282



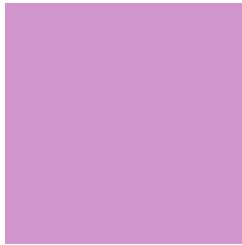
21.8132, 10.5981, 30.2524



1.2350, 0.5987, 1.7721

Previews

White Background



This preview shows how the XYZ color 47.4205, 39.1691, 60.9382 looks on a white background.

Color Contrast Check

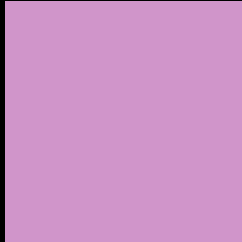
Large Text (above 18pt) WCAG AA × Fail

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 47.4205, 39.1691, 60.9382 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 47.4205, 39.1691, 60.9382

Background



This preview shows how black text looks on a background with the XYZ color 47.4205, 39.1691, 60.9382.



This preview shows how white text looks on a background with the XYZ color 47.4205, 39.1691,

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

47.4205, 39.1691, 60.9382

Protanopia

39.6666, 39.5604, 69.1636

Deuteranopia

40.1618, 39.2205, 59.4864



Tritanopia

43.3250, 38.9292, 41.7898

Trichromacy



Original Color

47.4205, 39.1691, 60.9382

Protanomaly

41.8829, 38.9087, 66.2754

Deuteranomaly

42.5906, 39.1568, 59.9568

Tritanomaly

44.8063, 39.0569, 48.3572

Monochromacy



Original Color

47.4205, 39.1691, 60.9382

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

42.1769, 40.4507, 50.9322

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.4205, 39.1691, 60.9382 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(208, 149, 202)` looks like.

```
.text, #text, p{  
    color:rgb(208, 149, 202)  
}
```

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(208, 149, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 149, 202) }
```

Border

The CSS property to change the border of an element to XYZ 47.4205, 39.1691, 60.9382 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(208, 149, 202) }
```


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

```
.border{ border-color:rgb(208, 149, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 149, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 149, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 149, 202);  
box-shadow:4px 4px 4px 4px rgb(208, 149,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 47.4205, 39.1691, 60.9382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 149, 202) }
```

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

```
.background{ background-color: rgb(208,  
149, 202) }
```

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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