

Converting Colors

XYZ(47.8259, 39.6248, 63.9575)

Have a look what the booklet for
XYZ(47.8259, 39.6248, 63.9575)
contains.

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Color

**XYZ(47.9010, 39.5831,
64.1471)**

Conversions

Conversions Part 1

Format	Color
Hex	CF96CF
RGB	207, 150, 207
RGB Percent	81%, 59%, 81%
CMY	0.1882, 0.4117, 0.1882
CMYK	0.00, 0.28, 0.00, 0.19
HSL	300°, 37%, 70%
HSV	300°, 28%, 81%
XYZ	47.9010, 39.5831, 64.1471
YIQ	173.5410, 15.6750, 29.8110

Conversions

Conversions Part 2

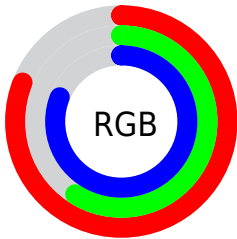
Format	Color
R _Y B	207, 150, 207
Decimal	13604559
CIE Lab	69.17, 30.78, -20.81
CIE LCh	69, 37.157, 325.931
Yxy	39.5831, 0.3159, 0.2610
Android (android.graphics.Color)	4291794639 (0xFFCF96CF)
YUV	173.5410, 16.4953, 29.3435
Hunter-Lab	62.9151, 25.8012, -16.4104

Details

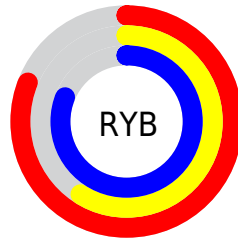
The XYZ color **47.9010, 39.5831, 64.1471** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **40.3972, 53.3131, 37.0177**, and the grayscale version is **39.9105, 41.9890, 45.7260**.

A 20% lighter version of the original color is **81.1213, 72.1426, 104.2571**, and **23.0663, 17.7107, 32.3398** is the 20% darker color. If you saturate the color by 10%, you get **44.8855, 33.5515, 63.1422**, and if you desaturate by 10%, it is **51.5024, 46.7851, 65.3482**.

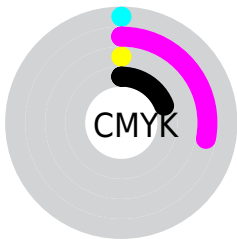
Distribution



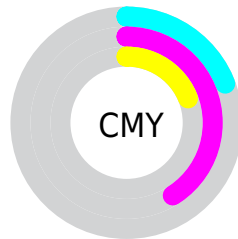
- Red (81%)
- Green (59%)
- Blue (81%)



- Red (81%)
- Yellow (59%)
- Blue (81%)



- Cyan (0%)
- Magenta (28%)
- Yellow (0%)
- Black (19%)





- Cyan (19%)
- Magenta (41%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.9010, 39.5831, 64.1471 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 47.9010, 39.5831, 64.1471 by changing the saturation by 10% instead.


 47.9010, 39.5831,
64.1471


 47.9010, 39.5831,
64.1471


368.9887,
344.3633, 457.9427

 33.9594, 27.2136,
46.3229


 86.2676, 74.5283,
112.4243

 23.0252, 17.7337,
32.1502


 111.4233, 97.8727,
143.7143

 14.7329, 10.7590,
21.2105


141.0477,
125.6444, 180.3300

 8.7172, 5.9050,
13.0852

175.5063,
158.2275, 222.6899

 4.6128, 2.7874,
7.3558

215.1643,
196.0066, 271.2126

 2.0543, 1.0218,
3.6038

260.3872,

 0.6642, 0.0000,

239.3660, 326.3166

1.4106

311.5402,
288.6901, 388.4205

■ 0.0000, 0.0000,
0.1500

■ 0.0000, 0.0000,
0.0000

■ 47.9010, 39.5831,
64.1471

■ 47.9010, 39.5831,
64.1471

■ 44.8855, 33.5515,
63.1422

■ 51.5024, 46.7851,
65.3482

■ 42.4216, 28.6237,
62.3208

■ 55.7145, 55.2092,
66.7523

■ 40.4769, 24.7343,
61.6724

■ 60.5650, 64.9102,
68.3693

■ 39.0143, 21.8092,
61.1847

■ 66.0791, 75.9383,
70.2075

37.9918, 19.7642,
60.8437

72.2804, 88.3408,
72.2748

37.3600, 18.5007,
60.6329

72.7553, 89.2907,
72.4332

37.0503, 17.8814,
60.5296

72.7554, 89.2907,
72.4334

36.9949, 17.7706,
60.5111

72.7554, 89.2908,
72.4336

72.7554, 89.2908,
72.4337

Harmonies

Analogous

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



42.8423, 39.5831, 79.7248



47.9010, 39.5831, 64.1471



50.2064, 39.5831, 45.4626

Triad

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



47.9010, 39.5831, 64.1471



38.4389, 39.5831, 18.0090



28.2558, 39.5831, 59.0472

Complementary

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



47.9010, 39.5831, 64.1471



40.3972, 53.3131, 37.0177

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.



27.3394, 39.5831, 40.8193



47.9010, 39.5831, 64.1471



32.8449, 39.5831, 19.8642

Square

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



47.9010, 39.5831, 64.1471



44.3916, 39.5831, 21.2818



28.9309, 39.5831, 27.2470



31.5792, 39.5831, 76.2776

Rectangle

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



47.9010, 39.5831, 64.1471



49.7112, 39.5831, 34.7285



28.9309, 39.5831, 27.2470



27.6721, 39.5831, 52.7174

Sweetspot

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



47.9022, 39.5848, 64.1479



88.8839, 87.6678, 106.8444



34.7483, 32.8037, 63.5328



18.7928, 18.3004, 22.7917



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.



47.9022, 39.5848, 64.1479



73.8244, 57.5491, 101.8240



44.7262, 38.3144, 47.4229



12.3109, 12.0091, 14.9128



23.3081, 11.1961, 38.1241



1.3032, 0.6260, 2.1317

Inverse Universe

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



47.9022, 39.5848, 64.1479



73.8244, 57.5491, 101.8240



42.9782, 54.3455, 50.6093



12.3109, 12.0091, 14.9128



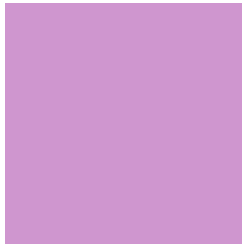
23.3081, 11.1961, 38.1241



1.3032, 0.6260, 2.1317

Previews

White Background



This preview shows how the XYZ color 47.9010, 39.5831, 64.1471 looks on a white background.

Color Contrast Check

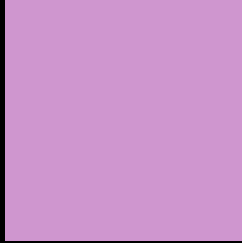
Large Text (above 18pt) WCAG AA × Fail

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 47.9010, 39.5831, 64.1471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

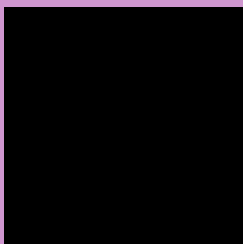
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.9010, 39.5831, 64.1471

Background



This preview shows how black text looks on a background with the XYZ color 47.9010, 39.5831, 64.1471.



This preview shows how white text looks on a background with the XYZ color 47.9010, 39.5831,

64.1471.

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

47.9010, 39.5831, 64.1471

Protanopia

40.1225, 39.7205, 72.5700

Deuteranopia

40.5027, 39.5947, 62.6346



Tritanopia

43.5755, 39.5351, 42.8705

Trichromacy



Original Color

47.9010, 39.5831, 64.1471



Protanomaly

42.4662, 39.3947, 69.6557



Deuteranomaly

42.8817, 39.4945, 63.1207



Tritanomaly

45.0047, 39.3675, 50.0264

Monochromacy



Original Color

47.9010, 39.5831, 64.1471



Achromatopsia

40.2316, 42.3268, 46.0938



Achromatomaly

42.5678, 40.8945, 52.1042

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.9010, 39.5831, 64.1471 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(207, 150, 207)` looks like.

```
.text, #text, p{  
    color:rgb(207, 150, 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(207, 150, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 150, 207) }
```

Border

The CSS property to change the border of an element to XYZ 47.9010, 39.5831, 64.1471 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(207, 150, 207) }
```


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

```
.border{ border-color:rgb(207, 150, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 150, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 150, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 150, 207);  
box-shadow:4px 4px 4px 4px rgb(207, 150,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 47.9010, 39.5831, 64.1471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 150, 207) }
```

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

```
.background{ background-color: rgb(207,  
150, 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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