

Converting Colors

XYZ(43.1306, 39.1016, 51.8209)

Have a look what the booklet for
XYZ(43.1306, 39.1016, 51.8209)
contains.

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Color

**XYZ(43.1680, 39.1284,
51.7317)**

Conversions

Conversions Part 1

Format	Color
Hex	C29DBA
RGB	194, 157, 186
RGB Percent	76%, 62%, 73%
CMY	0.2392, 0.3843, 0.2706
CMYK	0.00, 0.19, 0.04, 0.24
HSL	313°, 23%, 69%
HSV	313°, 19%, 76%
XYZ	43.1680, 39.1284, 51.7317
YIQ	171.3690, 12.7430, 16.8630

Conversions

Conversions Part 2

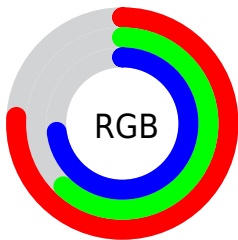
Format	Color
RYB	194, 157, 186
Decimal	12754362
CIELab	68.84, 18.63, -9.78
CIELCh	69, 21.039, 332.304
Yxy	39.1284, 0.3221, 0.2919
Android (android.graphics.Color)	4290944442 (0xFFC29DBA)
YUV	171.3690, 7.2131, 19.8474
Hunter-Lab	62.5527, 13.7167, -5.2465

Details

The XYZ color **43.1680, 39.1284, 51.7317** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **39.9895, 48.4694, 42.8473**, and the grayscale version is **38.8555, 40.8790, 44.5172**.

A 20% lighter version of the original color is **79.3542, 74.0070, 94.1068**, and **20.1004, 17.3721, 24.4840** is the 20% darker color. If you saturate the color by 10%, you get **39.7037, 32.9025, 48.4091**, and if you desaturate by 10%, it is **47.1689, 46.4053, 55.2987**.

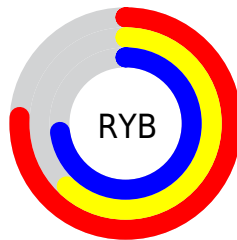
Distribution



Red (76%)

Green (62%)

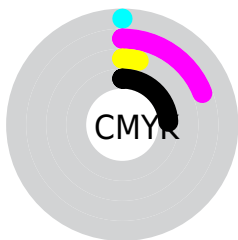
Blue (73%)



Red (76%)

Yellow (62%)

Blue (73%)

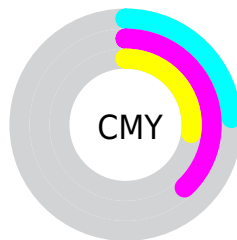


Cyan (0%)

Magenta (19%)

Yellow (4%)

Black (24%)



Cyan (24%)


Magenta (38%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.1680, 39.1284, 51.7317 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 43.1680, 39.1284, 51.7317 by changing the saturation by 10% instead.


 43.1680, 39.1284,
51.7317

 43.1680, 39.1284,
51.7317


350.2120,
342.4361, 410.3274

 30.2120, 26.8596,
36.4105


 79.2184, 73.8344,
94.1580

 20.1485, 17.4678,
24.4592


 103.0437, 97.0405,
122.1001

 12.6119, 10.5686,
15.4593


131.2227,
124.6611, 155.0864

 7.2370, 5.7776,
8.9921

164.1208,
157.0806, 193.5352

 3.6584, 2.7103,
4.6393

202.1035,
194.6835, 237.8652

 1.5108, 0.9824,
1.9822

245.5360,

 0.3331, 0.0000,

237.8541, 288.4948

0.5443

294.7837,
286.9768, 345.8427

■ 0.0000, 0.0000,
0.0000

■ 43.1680, 39.1284,
51.7317

■ 43.1680, 39.1284,
51.7317

■ 39.7037, 32.9025,
48.4091

■ 47.1689, 46.4053,
55.2987

■ 36.7478, 27.6732,
45.3196

■ 51.7259, 54.7739,
59.1157

■ 34.2749, 23.3893,
42.4546

■ 56.8618, 64.2790,
63.1914

■ 32.2558, 19.9928,
39.8038

■ 62.5971, 74.9615,
67.5331

■ 30.6584, 17.4192,
37.3560

■ 68.9514, 86.8601,
72.1478

■ 29.4458, 15.5953,
35.0983

■ 69.7878, 87.7012,
74.9904

■ 28.5751, 14.4352,
33.0157

■ 70.3213, 87.9146,
77.7999

■ 27.9717, 13.7901,
31.0828

■ 70.8686, 88.1336,
80.6822

■ 27.9201, 13.7381,
30.9077

■ 71.4299, 88.3581,
83.6379

Harmonies

Analogous

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



40.7271, 39.1284, 60.1067



43.1680, 39.1284, 51.7317



43.9795, 39.1284, 41.8693

Triad

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



43.1680, 39.1284, 51.7317



36.9329, 39.1284, 26.7497



32.0247, 39.1284, 53.2025

Complementary

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



43.1680, 39.1284, 51.7317



39.9895, 48.4694, 42.8473

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.



31.1385, 39.1284, 43.3476



43.1680, 39.1284, 51.7317



33.8645, 39.1284, 28.8792

Square

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



43.1680, 39.1284, 51.7317



40.2541, 39.1284, 28.3126



31.7917, 39.1284, 34.6189



34.2862, 39.1284, 61.0412

Rectangle

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



43.1680, 39.1284, 51.7317



43.4504, 39.1284, 36.0015



31.7917, 39.1284, 34.6189



31.5625, 39.1284, 49.9685

Sweetspot

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



43.1692, 39.1301, 51.7325



87.8062, 88.3740, 102.1954



37.1887, 35.9461, 56.0178



19.1116, 19.1385, 22.2803



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.



43.1692, 39.1301, 51.7325



75.3985, 65.8204, 91.0866



41.3836, 38.4159, 42.3302



10.4010, 10.2090, 12.2023



18.3877, 9.0448, 20.4854



0.8183, 0.4003, 1.0104

Inverse Universe

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



43.1692, 39.1301, 51.7325



75.3985, 65.8204, 91.0866



41.7346, 49.1674, 52.0369



10.4010, 10.2090, 12.2023



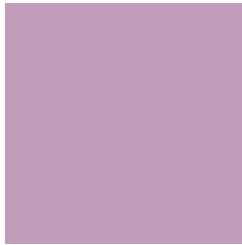
18.3877, 9.0448, 20.4854



0.8183, 0.4003, 1.0104

Previews

White Background



This preview shows how the XYZ color 43.1680, 39.1284, 51.7317 looks on a white background.

Color Contrast Check

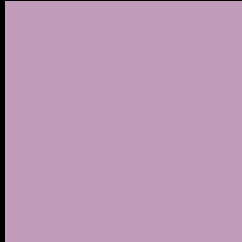
Large Text (above 18pt) WCAG AA × Fail

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 43.1680, 39.1284, 51.7317 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 43.1680, 39.1284, 51.7317

Background



This preview shows how black text looks on a background with the XYZ color 43.1680, 39.1284, 51.7317.



This preview shows how white text looks on a background with the XYZ color 43.1680, 39.1284,

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

43.1680, 39.1284, 51.7317

Protanopia

38.6430, 39.3357, 55.4250

Deuteranopia

40.1639, 39.4008, 51.3872



Tritanopia

41.5828, 38.9813, 44.3622

Trichromacy



Original Color

43.1680, 39.1284, 51.7317

Protanomaly

40.0707, 39.0261, 54.1360

Deuteranomaly

41.0303, 39.0598, 51.2757

Tritanomaly

42.1550, 38.9655, 46.8943

Monochromacy



Original Color

43.1680, 39.1284, 51.7317

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

40.0631, 39.9907, 46.6817

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1680, 39.1284, 51.7317 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(194, 157, 186)` looks like.

```
.text, #text, p{  
    color:rgb(194, 157, 186)  
}
```

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(194, 157, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 157, 186) }
```

Border

The CSS property to change the border of an element to XYZ 43.1680, 39.1284, 51.7317 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(194, 157, 186) }
```


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

```
.border{ border-color:rgb(194, 157, 186) }
```

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

Here you see how a box with a 4 pixel rgb(194, 157, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 157, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 157, 186);  
box-shadow:4px 4px 4px 4px rgb(194, 157,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1680, 39.1284, 51.7317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 157, 186) }
```

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

```
.background{ background-color: rgb(194,  
157, 186) }
```

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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