

Converting Colors

XYZ(51.1412, 43.9153, 79.9049)

Have a look what the booklet for
XYZ(51.1412, 43.9153, 79.9049)
contains.

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Color

**XYZ(51.1506, 43.9153,
79.9093)**

Conversions

Conversions Part 1

Format	Color
Hex	C9A2E5
RGB	201, 162, 229
RGB Percent	79%, 64%, 90%
CMY	0.2118, 0.3647, 0.1020
CMYK	0.12, 0.29, 0.00, 0.10
HSL	275°, 56%, 77%
HSV	275°, 29%, 90%
XYZ	51.1506, 43.9153, 79.9093
YIQ	181.2990, 1.7370, 29.1050

Conversions

Conversions Part 2

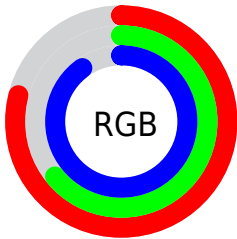
Format	Color
R _Y B	201, 162, 229
Decimal	13214437
CIE Lab	72.17, 26.65, -28.38
CIE LCh	72, 38.932, 313.196
Yxy	43.9153, 0.2923, 0.2510
Android (android.graphics.Color)	4291404517 (0xFFC9A2E5)
YUV	181.2990, 23.5166, 17.2778
Hunter-Lab	66.2686, 21.8083, -25.1062

Details

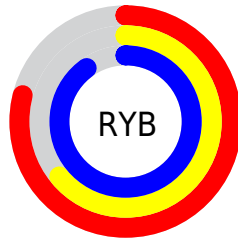
The XYZ color **51.1506, 43.9153, 79.9093** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **55.7775, 69.5954, 44.6779**, and the grayscale version is **43.9600, 46.2493, 50.3655**.

A 20% lighter version of the original color is **84.1029, 78.1057, 105.2510**, and **24.9728, 20.2800, 42.1334** is the 20% darker color. If you saturate the color by 10%, you get **44.9853, 35.2850, 78.5691**, and if you desaturate by 10%, it is **58.2135, 54.1009, 81.5038**.

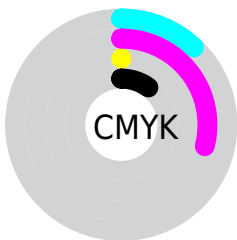
Distribution



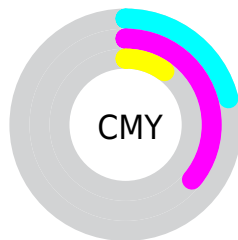
- Red (79%)
- Green (64%)
- Blue (90%)



- Red (79%)
- Yellow (64%)
- Blue (90%)



- Cyan (12%)
- Magenta (29%)
- Yellow (0%)
- Black (10%)




- Cyan (21%)
- Magenta (36%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.1506, 43.9153, 79.9093 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 51.1506, 43.9153, 79.9093 by changing the saturation by 10% instead.


 51.1506, 43.9153,
79.9093


 51.1506, 43.9153,
79.9093


381.5266,
362.3625, 514.3258

 36.5500, 30.6039,
59.1180


 91.0590, 81.0903,
135.0485

 25.0313, 20.2974,
42.2875


 117.0975,
105.7227, 170.2334

 16.2293, 12.6114,
28.9992


147.6794,
134.8975, 211.0532

 9.7784, 7.1615,
18.8346

183.1700,
168.9992, 257.9266

 5.3134, 3.5633,
11.3753

223.9347,
208.4122, 311.2720

 2.4689, 1.4324,
6.2025

270.3388,

 0.8796, 0.2404,

253.5208, 371.5080

2.8978

322.7476,
304.7094, 439.0531

■ 0.0000, 0.0000,
1.0427

■ 0.0000, 0.0000,
0.0000

■ 51.1506, 43.9153,
79.9093

■ 51.1506, 43.9153,
79.9093

■ 44.9853, 35.2850,
78.5691

■ 58.2135, 54.1009,
81.5038

■ 39.6707, 28.1233,
77.4669

■ 66.2096, 65.9115,
83.3620

■ 35.1614, 22.3430,
76.5888

■ 75.1773, 79.4192,
85.4966

■ 31.4057, 17.8453,
75.9187

■ 85.1517, 94.6901,
87.9185

■ 28.3452, 14.5177,
75.4377

■ 88.9176, 97.2900,
88.2218

■ 25.9107, 12.2272,
75.1239

■ 91.1430, 98.4372,
88.3259

■ 23.9947, 10.7634,
74.9423

■ 23.8631, 10.6681,
74.9308

Harmonies

Analogous

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



44.7375, 43.9153, 93.2422



51.1506, 43.9153, 79.9093



55.2635, 43.9153, 59.2425

Triad

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



51.1506, 43.9153, 79.9093



45.5595, 43.9153, 20.5654



30.4556, 43.9153, 56.7026

Complementary

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



51.1506, 43.9153, 79.9093



55.7775, 69.5954, 44.6779

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.



30.6253, 43.9153, 37.9627



51.1506, 43.9153, 79.9093



38.8798, 43.9153, 20.2262

Square

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



51.1506, 43.9153, 79.9093



51.8073, 43.9153, 26.8205



33.5611, 43.9153, 25.7235



33.0697, 43.9153, 77.6283

Rectangle

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



51.1506, 43.9153, 79.9093



55.9023, 43.9153, 45.7972



33.5611, 43.9153, 25.7235



30.1980, 43.9153, 49.8939

Sweetspot

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



51.1520, 43.9171, 79.9103



84.7197, 84.4475, 106.4425



47.6828, 50.6164, 81.3862



17.7967, 17.5732, 22.7039



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.



51.1520, 43.9171, 79.9103



60.4650, 49.2610, 100.9292



58.7616, 47.9112, 77.0524



14.3825, 14.2994, 18.1464



13.7838, 6.1717, 42.8479



1.1239, 0.5103, 3.1712

Inverse Universe

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



54.5290, 46.2181, 54.7639



65.6161, 52.7557, 63.2549



49.8469, 66.4914, 46.5101



14.6256, 14.4674, 16.2287



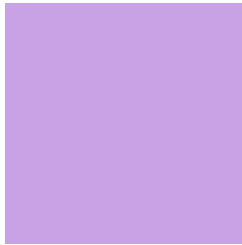
19.7313, 10.0267, 7.4800



1.5035, 0.7591, 0.7921

Previews

White Background



This preview shows how the XYZ color 51.1506, 43.9153, 79.9093 looks on a white background.

Color Contrast Check

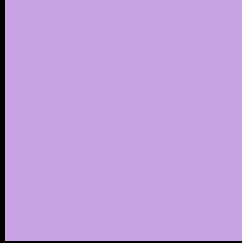
Large Text (above 18pt) WCAG AA × Fail

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 51.1506, 43.9153, 79.9093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

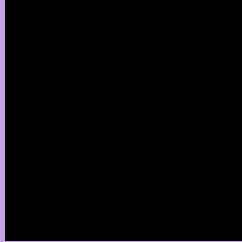
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.1506, 43.9153, 79.9093

Background



This preview shows how black text looks on a background with the XYZ color 51.1506, 43.9153, 79.9093.



This preview shows how white text looks on a background with the XYZ color 51.1506, 43.9153,

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

51.1506, 43.9153, 79.9093

Protanopia

45.2080, 44.2629, 87.8222

Deuteranopia

45.1496, 44.1430, 78.8139



Tritanopia

45.4628, 44.0558, 51.4549

Trichromacy



Original Color

51.1506, 43.9153, 79.9093

Protanomaly

46.8257, 43.7463, 84.5732

Deuteranomaly

47.2007, 44.0542, 79.4144

Tritanomaly

47.4539, 44.0457, 60.6442

Monochromacy



Original Color

51.1506, 43.9153, 79.9093

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

46.0681, 45.0407, 59.6918

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.1506, 43.9153, 79.9093 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, 162, 229)` looks like.

```
.text, #text, p{  
    color:rgb(201, 162, 229)  
}
```

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, 162, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 162, 229) }
```

Border

The CSS property to change the border of an element to XYZ 51.1506, 43.9153, 79.9093 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, 162, 229) }
```


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

```
.border{ border-color:rgb(201, 162, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 162, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 162, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 162, 229);  
box-shadow:4px 4px 4px 4px rgb(201, 162,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 51.1506, 43.9153, 79.9093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 162, 229) }
```

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

```
.background{ background-color: rgb(201,  
162, 229) }
```

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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