

# Converting Colors

XYZ(43.4156, 39.5118, 46.6726)

Have a look what the booklet for  
XYZ(43.4156, 39.5118, 46.6726)  
contains.

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# Color

**XYZ(43.4514, 39.6338,  
46.9549)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C69EB1
RGB	198, 158, 177
RGB Percent	78%, 62%, 69%
CMY	0.2235, 0.3804, 0.3059
CMYK	0.00, 0.20, 0.11, 0.22
HSL	332°, 26%, 70%
HSV	332°, 20%, 78%
XYZ	43.4514, 39.6338, 46.9549
YIQ	172.1260, 17.7410, 14.3890

# Conversions

## Conversions Part 2

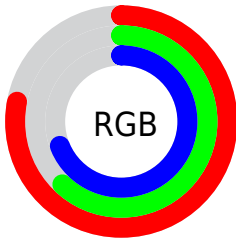
<b>Format</b>	<b>Color</b>
<b>RYB</b>	198, 158, 177
Decimal	13016753
CIELab	69.21, 17.90, -4.19
CIELCh	69, 18.384, 346.820
Yxy	39.6338, 0.3341, 0.3048
Android (android.graphics.Color)	4291206833 (0xFFC69EB1)
YUV	172.1260, 2.4029, 22.6915
Hunter-Lab	62.9554, 13.0276, -0.1523

# Details

The XYZ color **43.4514, 39.6338, 46.9549** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.4329, 50.9131, 50.2410**, and the grayscale version is **39.2593, 41.3039, 44.9799**.

A 20% lighter version of the original color is **79.7422, 74.7317, 87.3126**, and **20.2937, 17.6926, 21.4142** is the 20% darker color. If you saturate the color by 10%, you get **39.3454, 33.0170, 40.6673**, and if you desaturate by 10%, it is **48.1828, 47.3739, 53.8414**.

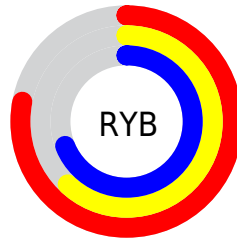
# Distribution



Red (78%)

Green (62%)

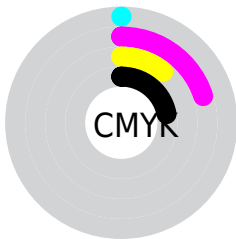
Blue (69%)



Red (78%)

Yellow (62%)

Blue (69%)

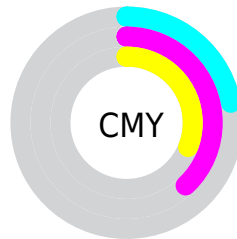


Cyan (0%)

Magenta (20%)

Yellow (11%)

Black (22%)



Cyan (22%)

Magenta (38%)


Yellow (31%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 43.4514, 39.6338, 46.9549 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 43.4514, 39.6338, 46.9549 by changing the saturation by 10% instead.





 43.4514, 39.6338,  
46.9549

 43.4514, 39.6338,  
46.9549


351.3550,  
344.5777, 391.0230

 30.4355, 27.2531,  
32.6459

 79.6431, 74.6056,  
86.9956

 20.3191, 17.7634,  
21.5864


 103.5496, 97.9654,  
113.5643

 12.7368, 10.7803,  
13.3579

131.8170,  
125.7539, 145.0568

 7.3233, 5.9193,  
7.5419

164.8106,  
158.3552, 181.8914

 3.7132, 2.7961,  
3.7197

202.8959,  
196.1538, 224.4869

 1.5412, 1.0262,  
1.4729

246.4381,

 0.3536, 0.0000,

239.5342, 273.2616

0.1976

295.8027,  
288.8807, 328.6341

■ 0.0000, 0.0000,  
0.0000

■ 43.4514, 39.6338,  
46.9549

■ 43.4514, 39.6338,  
46.9549

■ 39.3454, 33.0170,  
40.6673

■ 48.1828, 47.3739,  
53.8414

■ 35.8336, 27.4656,  
34.9581

■ 53.5620, 56.2813,  
61.3414

■ 32.8872, 22.9243,  
29.8094

■ 59.6148, 66.4040,  
69.4717

■ 30.4735, 19.3307,  
25.2010

■ 66.3642, 77.7857,  
78.2481

■ 28.5562, 16.6155,  
21.1111

■ 73.1892, 89.1820,  
87.4712

■ 27.0942, 14.6996,  
17.5160

■ 74.6847, 89.7802,  
95.3467

■ 26.0391, 13.4896,  
14.3891

■ 76.2687, 90.4138,  
103.6878

■ 25.3112, 12.8148,  
11.7388

■ 77.0990, 90.7459,  
108.0599

# Harmonies

## Analogous

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



41.9482, 39.6338, 55.2171



43.4514, 39.6338, 46.9549



43.3492, 39.6338, 38.6342

# Triad

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



43.4514, 39.6338, 46.9549



36.0574, 39.6338, 29.4301



33.9308, 39.6338, 56.0791

# Complementary

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



43.4514, 39.6338, 46.9549



42.4329, 50.9131, 50.2410

# 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.



32.5112, 39.6338, 48.0142



43.4514, 39.6338, 46.9549



33.6944, 39.6338, 32.9905

# Square

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



43.4514, 39.6338, 46.9549



38.9754, 39.6338, 29.2243



32.4269, 39.6338, 39.5648



36.3956, 39.6338, 60.9286



# Rectangle

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



43.4514, 39.6338, 46.9549



42.3831, 39.6338, 34.1552



32.4269, 39.6338, 39.5648



33.3213, 39.6338, 53.6100

# Sweetspot

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



43.4525, 39.6356, 46.9557



89.0952, 90.1170, 100.6673



40.9349, 38.0769, 58.6188



18.9369, 19.0686, 21.3604



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.



43.4525, 39.6356, 46.9557



73.7887, 65.0752, 78.3898



41.8026, 39.1580, 37.7049



10.8401, 10.7194, 12.1412



16.5030, 8.3507, 7.8584



0.8180, 0.4100, 0.5645



# Inverse Universe

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



43.4525, 39.6356, 46.9557



73.7887, 65.0752, 78.3898



44.3369, 51.4314, 61.0172



10.8401, 10.7194, 12.1412



16.5030, 8.3507, 7.8584

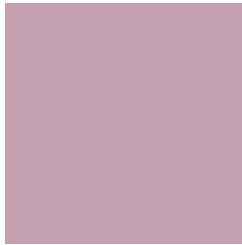


0.8180, 0.4100, 0.5645



# Previews

## White Background



This preview shows how the XYZ color 43.4514, 39.6338, 46.9549 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

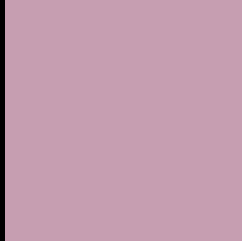
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 43.4514, 39.6338, 46.9549 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

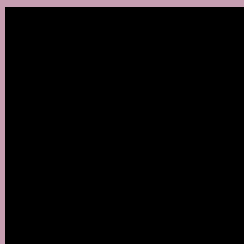
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 43.4514, 39.6338, 46.9549**

## **Background**



This preview shows how black text looks on a background with the XYZ color 43.4514, 39.6338, 46.9549.



This preview shows how white text looks on a background with the XYZ color 43.4514, 39.6338,



# 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

43.4514, 39.6338, 46.9549

### Protanopia

38.6983, 39.7490, 50.4324

### Deuteranopia

40.6404, 39.7528, 46.6054



## Tritanopia

42.7748, 39.6069, 43.9185

# Trichromacy



## Original Color

43.4514, 39.6338, 46.9549

## Protanomaly

40.2064, 39.4708, 49.2156

## Deuteranomaly

41.4958, 39.6666, 46.5437

## Tritanomaly

42.9669, 39.6837, 44.9303

# Monochromacy



## Original Color

43.4514, 39.6338, 46.9549

## Achromatopsia

39.2122, 41.2543, 44.9259

## Achromatomaly

40.5148, 40.5172, 45.7296

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 43.4514, 39.6338, 46.9549 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(198, 158, 177)` looks like.

```
.text, #text, p{  
    color:rgb(198, 158, 177)  
}
```

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(198, 158, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 158, 177) }
```

## Border

The CSS property to change the border of an element to XYZ 43.4514, 39.6338, 46.9549 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(198, 158, 177) }
```



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

```
.border{ border-color:rgb(198, 158, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 158, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 158, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 158, 177);  
box-shadow:4px 4px 4px 4px rgb(198, 158,  
177) }
```

# Background

The CSS property to change the background color of an element to XYZ 43.4514, 39.6338, 46.9549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 158, 177) }
```

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

```
.background{ background-color: rgb(198,  
158, 177) }
```

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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