

# Converting Colors

XYZ(51.3904, 44.8882, 41.5530)

Have a look what the booklet for  
XYZ(51.3904, 44.8882, 41.5530)  
contains.

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# Color

**XYZ(51.3904, 44.8882,  
41.5530)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E3A2A5
RGB	227, 162, 165
RGB Percent	89%, 64%, 65%
CMY	0.1098, 0.3647, 0.3529
CMYK	0.00, 0.29, 0.27, 0.11
HSL	357°, 54%, 76%
HSV	357°, 29%, 89%
XYZ	51.3904, 44.8882, 41.5530
YIQ	181.7770, 37.7770, 14.7130

# Conversions

## Conversions Part 2

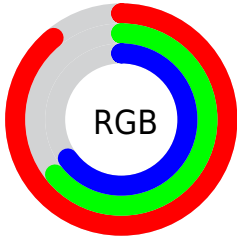
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	227, 162, 165
Decimal	14918309
CIE Lab	72.82, 24.50, 8.06
CIE LCh	73, 25.791, 18.222
Yxy	44.8882, 0.3728, 0.3257
Android (android.graphics.Color)	4293108389 (0xFFE3A2A5)
YUV	181.7770, -8.2711, 39.6606
Hunter-Lab	66.9987, 19.6683, 10.1270

# Details

The XYZ color **51.3904, 44.8882, 41.5530** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **55.8258, 68.0024, 80.7080**, and the grayscale version is **44.3723, 46.6832, 50.8380**.

A 20% lighter version of the original color is **78.9711, 76.0530, 78.2276**, and **25.1341, 20.8902, 18.3303** is the 20% darker color. If you saturate the color by 10%, you get **45.9399, 36.8786, 30.8217**, and if you desaturate by 10%, it is **57.8989, 54.4790, 54.2842**.

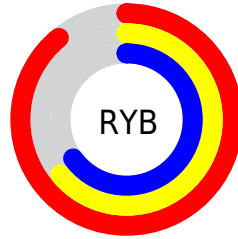
# Distribution



Red (89%)

Green (64%)

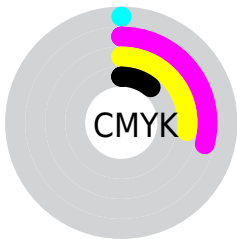
Blue (65%)



Red (89%)

Yellow (64%)

Blue (65%)

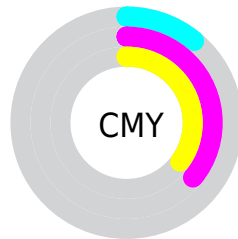


Cyan (0%)

Magenta (29%)

Yellow (27%)

Black (11%)



Cyan (11%)

Magenta (36%)


Yellow (35%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 51.3904, 44.8882, 41.5530 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 51.3904, 44.8882, 41.5530 by changing the saturation by 10% instead.





 51.3904, 44.8882,  
41.5530


 51.3904, 44.8882,  
41.5530


382.4414,  
366.3206, 368.3714

 36.7417, 31.3694,  
28.4285


 91.4111, 82.5526,  
78.7854

 25.1803, 20.8803,  
18.4071

 117.5139,  
107.4670, 103.7304

 16.3409, 13.0365,  
11.0702

148.1654,  
136.9487, 133.4527

 9.8581, 7.4537,  
5.9993

183.7310,  
171.3821, 168.3707

 5.3665, 3.7474,  
2.7759

224.5760,  
211.1516, 208.9030

 2.5008, 1.5333,  
0.9814

271.0659,

 0.8957, 0.3120,

256.6416, 255.4683

0.0000

323.5659,  
308.2364, 308.4849

■ 0.0000, 0.0000,  
0.0000

■ 51.3904, 44.8882,  
41.5530

■ 51.3904, 44.8882,  
41.5530

■ 45.9399, 36.8786,  
30.8217

■ 57.8989, 54.4790,  
54.2842

■ 41.4879, 30.3594,  
21.9862

■ 65.5131, 65.7228,  
69.1068

■ 37.9751, 25.2405,  
14.9370

■ 74.2826, 78.6946,  
86.1100

■ 35.3340, 21.4192,  
9.5524

■ 84.2527, 93.4630,  
105.3769

■ 33.4882, 18.7792,  
5.6956

■ 85.4886, 95.0709,  
108.4525

■ 32.3482, 17.1830,  
3.2079

■ 31.7877, 16.4285,  
1.8909

■ 31.7359, 16.3539,  
1.7844

# Harmonies

## Analogous

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



51.6750, 44.8882, 54.0914



51.3904, 44.8882, 41.5530



48.6714, 44.8882, 32.6760

# Triad

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



51.3904, 44.8882, 41.5530



36.5523, 44.8882, 34.2000



40.9290, 44.8882, 77.2552

# Complementary

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



51.3904, 44.8882, 41.5530



55.8258, 68.0024, 80.7080

# 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.



37.1741, 44.8882, 69.7011



51.3904, 44.8882, 41.5530



34.7682, 44.8882, 44.0064

# Square

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



51.3904, 44.8882, 41.5530



40.0249, 44.8882, 28.9716



34.9875, 44.8882, 57.0116



45.4184, 44.8882, 76.2843



# Rectangle

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



51.3904, 44.8882, 41.5530



45.9446, 44.8882, 29.3430



34.9875, 44.8882, 57.0116



39.5451, 44.8882, 75.5814

# Sweetspot

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



51.3916, 44.8903, 41.5539



84.8341, 84.8907, 89.0858



57.4497, 47.1962, 78.7550



17.8295, 17.6847, 18.4296



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.



51.3916, 44.8903, 41.5539



62.7729, 52.3661, 45.9779



56.8868, 56.3120, 42.0562



14.4038, 14.3787, 15.0607



18.5201, 9.5423, 1.1019



1.3781, 0.7090, 0.1317



# Inverse Universe

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



51.3916, 44.8903, 41.5539



62.7729, 52.3661, 45.9779



48.9043, 53.5033, 80.4228



14.4038, 14.3787, 15.0607



18.5201, 9.5423, 1.1019



1.3781, 0.7090, 0.1317



# Previews

## White Background



This preview shows how the XYZ color 51.3904, 44.8882, 41.5530 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 51.3904, 44.8882, 41.5530 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

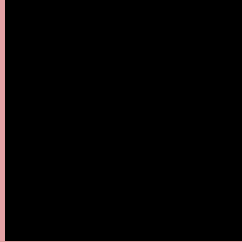
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 51.3904, 44.8882, 41.5530

## Background



This preview shows how black text looks on a background with the XYZ color 51.3904, 44.8882, 41.5530.



This preview shows how white text looks on a background with the XYZ color 51.3904, 44.8882,

41.5530.

# 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

51.3904, 44.8882, 41.5530

### Protanopia

43.0888, 44.9641, 46.4523

### Deuteranopia

45.9116, 45.0880, 40.9334



## Tritanopia

52.2826, 45.0008, 45.4656

# Trichromacy



## Original Color

51.3904, 44.8882, 41.5530

## Protanomaly

45.6564, 44.5874, 44.7280

## Deuteranomaly

47.7528, 44.9052, 41.2727

## Tritanomaly

51.9955, 44.8860, 43.9536

# Monochromacy



## Original Color

51.3904, 44.8882, 41.5530

## Achromatopsia

44.4628, 46.7784, 50.9417

## Achromatomaly

46.4551, 45.8003, 47.4662

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 51.3904, 44.8882, 41.5530 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(227, 162, 165)` looks like.

```
.text, #text, p{  
    color:rgb(227, 162, 165)  
}
```

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(227, 162, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 162, 165) }
```

## Border

The CSS property to change the border of an element to XYZ 51.3904, 44.8882, 41.5530 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(227, 162, 165) }
```



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

```
.border{ border-color:rgb(227, 162, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 162, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 162, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 162, 165);  
box-shadow:4px 4px 4px 4px rgb(227, 162,  
165) }
```

# Background

The CSS property to change the background color of an element to XYZ 51.3904, 44.8882, 41.5530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 162, 165) }
```

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

```
.background{ background-color: rgb(227,  
162, 165) }
```

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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