

# Converting Colors

XYZ(43.4240, 37.3587, 39.2223)

Have a look what the booklet for  
XYZ(43.4240, 37.3587, 39.2223)  
contains.

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# Color

**XYZ(43.4060, 37.3438,  
39.1027)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D194A2
RGB	209, 148, 162
RGB Percent	82%, 58%, 64%
CMY	0.1804, 0.4196, 0.3647
CMYK	0.00, 0.29, 0.22, 0.18
HSL	346°, 40%, 70%
HSV	346°, 29%, 82%
XYZ	43.4060, 37.3438, 39.1027
YIQ	167.8350, 31.8620, 17.2860

# Conversions

## Conversions Part 2

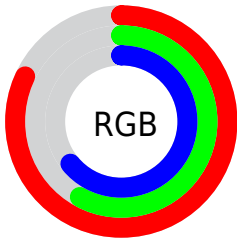
Format	Color
R <sub>Y</sub> B	209, 148, 162
Decimal	13735074
CIE Lab	67.53, 24.98, 1.86
CIE LCh	68, 25.049, 4.267
Yxy	37.3438, 0.3622, 0.3116
Android (android.graphics.Color)	4291925154 (0xFFD194A2)
YUV	167.8350, -2.8767, 36.1017
Hunter-Lab	61.1096, 19.8464, 4.8383

# Details

The XYZ color **43.4060, 37.3438, 39.1027** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.8652, 55.8379, 60.0458**, and the grayscale version is **37.1422, 39.0765, 42.5543**.

A 20% lighter version of the original color is **74.8849, 68.5108, 74.9227**, and **20.2260, 16.4475, 16.8605** is the 20% darker color. If you saturate the color by 10%, you get **39.0779, 30.8334, 31.0437**, and if you desaturate by 10%, it is **48.5115, 45.1147, 48.3262**.

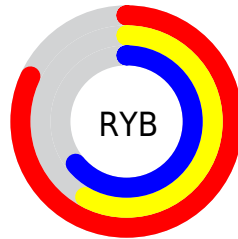
# Distribution



Red (82%)

Green (58%)

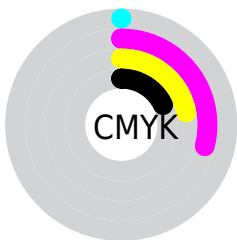
Blue (64%)



Red (82%)

Yellow (58%)

Blue (64%)

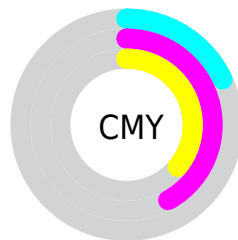


Cyan (0%)

Magenta (29%)

Yellow (22%)

Black (18%)



Cyan (18%)

Magenta (42%)


Yellow (36%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 43.4060, 37.3438, 39.1027 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 43.4060, 37.3438, 39.1027 by changing the saturation by 10% instead.





 43.4060, 37.3438,  
39.1027


 43.4060, 37.3438,  
39.1027

351.1721,  
334.7966, 357.7659

 30.3997, 25.4738,  
26.5312


 79.5751, 71.1012,  
75.0173

 20.2917, 16.4304,  
16.9921


 103.4686, 93.7575,  
99.1974

 12.7168, 9.8292,  
10.0670


131.7218,  
120.7779, 128.0841

 7.3095, 5.2859,  
5.3372

164.7002,  
152.5469, 162.0960

 3.7044, 2.4160,  
2.3843

202.7690,  
189.4488, 201.6516

 1.5363, 0.8341,  
0.7779

246.2937,

 0.3503, 0.0000,

231.8682, 247.1694

0.0000

295.6396,  
280.1893, 299.0680

0.0000, 0.0000,  
0.0000

43.4060, 37.3438,  
39.1027

43.4060, 37.3438,  
39.1027

39.0779, 30.8334,  
31.0437

48.5115, 45.1147,  
48.3262

35.4852, 25.5119,  
24.1000

54.4272, 54.2025,  
58.7561

32.5867, 21.3083,  
18.2219

61.1879, 64.6665,  
70.4352

30.3359, 18.1420,  
13.3552

68.8253, 76.5608,  
83.4034

28.6802, 15.9214,  
9.4405

77.3697, 89.9365,  
97.6986

■ 27.5582, 14.5386,  
6.4118

■ 80.1046, 92.2954,  
108.2006

■ 26.8732, 13.8164,  
4.1861

■ 26.8272, 13.7684,  
4.0352

# Harmonies

## Analogous

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



42.5945, 37.3438, 50.5855



43.4060, 37.3438, 39.1027



41.9750, 37.3438, 29.8469

# Triad

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



43.4060, 37.3438, 39.1027



31.4843, 37.3438, 25.5272



32.3740, 37.3438, 62.9238

# Complementary

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



43.4060, 37.3438, 39.1027



44.8652, 55.8379, 60.0458

# 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.



29.7173, 37.3438, 53.8148



43.4060, 37.3438, 39.1027



29.2303, 37.3438, 32.1277

# Square

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



43.4060, 37.3438, 39.1027



34.9458, 37.3438, 22.9613



28.6074, 37.3438, 42.2603



36.0483, 37.3438, 65.6999



# Rectangle

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



43.4060, 37.3438, 39.1027



39.9986, 37.3438, 25.7560



28.6074, 37.3438, 42.2603



31.3413, 37.3438, 60.4290

# Sweetspot

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



43.4070, 37.3455, 39.1035



85.4430, 85.1343, 92.2922



44.5453, 37.3562, 65.1846



17.9782, 17.7442, 19.2126



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.



43.4070, 37.3455, 39.1035



63.7181, 51.9965, 53.2600



44.9643, 42.3416, 33.8221



11.9183, 11.8520, 12.8455



16.5723, 8.5018, 2.6539



0.9578, 0.4878, 0.3125



# Inverse Universe

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



43.4070, 37.3455, 39.1035



63.7181, 51.9965, 53.2600



42.7338, 48.9228, 67.5126



11.9183, 11.8520, 12.8455



16.5723, 8.5018, 2.6539

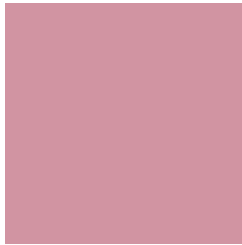


0.9578, 0.4878, 0.3125



# Previews

## White Background



This preview shows how the XYZ color 43.4060, 37.3438, 39.1027 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

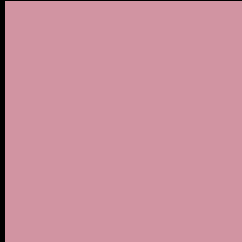
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 43.4060, 37.3438, 39.1027 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

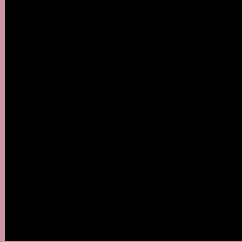
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 43.4060, 37.3438, 39.1027**

## **Background**



This preview shows how black text looks on a background with the XYZ color 43.4060, 37.3438, 39.1027.



This preview shows how white text looks on a background with the XYZ color 43.4060, 37.3438,



# 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

43.4060, 37.3438, 39.1027

### Protanopia

36.3520, 37.5982, 43.8693

### Deuteranopia

38.2717, 37.4016, 38.4598



## Tritanopia

43.2296, 37.2732, 38.1737

# Trichromacy



## Original Color

43.4060, 37.3438, 39.1027

## Protanomaly

38.5861, 37.2260, 42.1974

## Deuteranomaly

39.8926, 37.2224, 38.8003

## Tritanomaly

43.3174, 37.3083, 38.6364

# Monochromacy



## Original Color

43.4060, 37.3438, 39.1027

## Achromatopsia

37.2190, 39.1572, 42.6422

## Achromatomaly

39.1562, 38.3102, 41.4072

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 43.4060, 37.3438, 39.1027 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(209, 148, 162)` looks like.

```
.text, #text, p{  
    color:rgb(209, 148, 162)  
}
```

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(209, 148, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 148, 162) }
```

## Border

The CSS property to change the border of an element to XYZ 43.4060, 37.3438, 39.1027 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(209, 148, 162) }
```



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

```
.border{ border-color:rgb(209, 148, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 148, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 148, 162); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 148, 162); box-shadow:4px 4px 4px 4px rgb(209, 148, 162) }
```

# Background

The CSS property to change the background color of an element to XYZ 43.4060, 37.3438, 39.1027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 148, 162) }
```

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

```
.background{ background-color: rgb(209,  
148, 162) }
```

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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