

# Converting Colors

XYZ(42.1194, 39.9298, 37.3856)

Have a look what the booklet for  
XYZ(42.1194, 39.9298, 37.3856)  
contains.

- XYZ(42.1194, 39.9298, 37.3856) ..... 3**
- Conversions* ..... 4**
- Details* ..... 6**
- Harmonies* ..... 12**
- Previews* ..... 24**
- Color Blindness Simulation* ..... 28**
- CSS Examples* ..... 31**

# Color

**XYZ(42.1194, 39.9298,  
37.3856)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C6A19D
RGB	198, 161, 157
RGB Percent	78%, 63%, 62%
CMY	0.2235, 0.3686, 0.3843
CMYK	0.00, 0.19, 0.21, 0.22
HSL	6°, 26%, 70%
HSV	6°, 21%, 78%
XYZ	42.1194, 39.9298, 37.3856
YIQ	171.6070, 23.3360, 6.6000

# Conversions

## Conversions Part 2

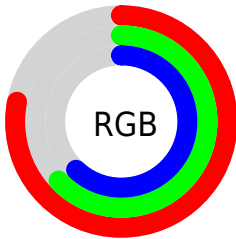
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	198, 161, 157
Decimal	13017501
CIE <sub>Lab</sub>	69.42, 13.01, 7.23
CIE <sub>LCh</sub>	69, 14.883, 29.049
Yxy	39.9298, 0.3527, 0.3343
Android (android.graphics.Color)	4291207581 (0xFFC6A19D)
YUV	171.6070, -7.2013, 23.1467
Hunter-Lab	63.1900, 8.3969, 9.1548

# Details

The XYZ color **42.1194, 39.9298, 37.3856** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.3891, 49.8278, 60.7574**, and the grayscale version is **39.0420, 41.0752, 44.7309**.

A 20% lighter version of the original color is **77.6795, 75.1252, 72.6938**, and **19.5718, 17.9072, 16.0606** is the 20% darker color. If you saturate the color by 10%, you get **37.6619, 33.5042, 28.2246**, and if you desaturate by 10%, it is **47.2992, 47.3609, 48.1399**.

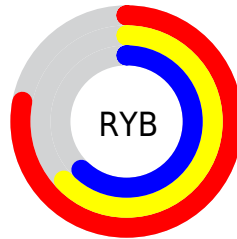
# Distribution



Red (78%)

Green (63%)

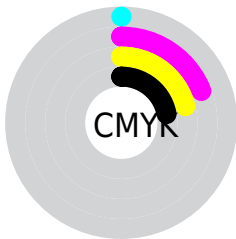
Blue (62%)



Red (78%)

Yellow (63%)

Blue (62%)

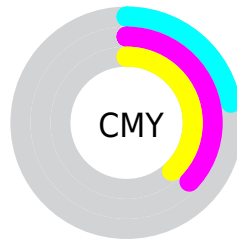


Cyan (0%)

Magenta (19%)

Yellow (21%)

Black (22%)



Cyan (22%)

Magenta (37%)


Yellow (38%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 42.1194, 39.9298, 37.3856 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 42.1194, 39.9298, 37.3856 by changing the saturation by 10% instead.





 42.1194, 39.9298,  
37.3856


 42.1194, 39.9298,  
37.3856


345.9609,  
345.8276, 350.1958

 29.3863, 27.4838,  
25.2081


 77.6443, 75.0566,  
72.3584

 19.5190, 17.9369,  
16.0117


 101.1669, 98.5062,  
95.9907

 12.1521, 10.9047,  
9.3780


129.0166,  
126.3925, 124.2784

 6.9203, 6.0028,  
4.8884

161.5590,  
159.0998, 157.6399

 3.4582, 2.8468,  
2.1243

199.1592,  
197.0126, 196.4939

 1.4004, 1.0523,  
0.6302

242.1827,

 0.2565, 0.0000,

240.5152, 241.2589

0.0000

290.9948,  
289.9921, 292.3533

0.0000, 0.0000,  
0.0000

42.1194, 39.9298,  
37.3856

42.1194, 39.9298,  
37.3856

37.6619, 33.5042,  
28.2246

47.2992, 47.3609,  
48.1399

33.8914, 28.0357,  
20.5787

53.2281, 55.8325,  
60.5555

30.7747, 23.4802,  
14.3669

59.9354, 65.3843,  
74.6997

28.2742, 19.7877,  
9.4996

67.4480, 76.0526,  
90.6352

26.3488, 16.9037,  
5.8771

75.6296, 87.8073,  
107.5701

■ 24.9521, 14.7673,  
3.3860

■ 77.0989, 90.7459,  
108.0599

■ 24.0304, 13.3089,  
1.8919

■ 23.5274, 12.4830,  
1.1694

# Harmonies

## Analogous

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



42.7424, 39.9298, 43.6960



42.1194, 39.9298, 37.3856



40.3687, 39.9298, 33.1241

# Triad

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



42.1194, 39.9298, 37.3856



34.1403, 39.9298, 37.0439



37.8757, 39.9298, 58.0325

# Complementary

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



42.1194, 39.9298, 37.3856



43.3891, 49.8278, 60.7574

# 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.



35.6339, 39.9298, 55.7888



42.1194, 39.9298, 37.3856



33.5338, 39.9298, 43.2583

# Square

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



42.1194, 39.9298, 37.3856



35.7609, 39.9298, 32.9419



34.0691, 39.9298, 50.1960



40.2309, 39.9298, 56.0476



# Rectangle

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



42.1194, 39.9298, 37.3856



38.8331, 39.9298, 31.7773



34.0691, 39.9298, 50.1960



37.0844, 39.9298, 57.7441

# Sweetspot

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



42.1205, 39.9316, 37.3864



88.4364, 90.5590, 95.0231



45.1494, 40.0416, 56.7327



18.7814, 19.1724, 20.0300



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.



42.1205, 39.9316, 37.3864



70.7458, 65.1812, 58.2871



45.8819, 47.4545, 38.6402



10.7158, 10.8008, 11.0827



15.3296, 8.1764, 0.7702



0.7550, 0.4454, 0.0462



# Inverse Universe

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



43.3891, 49.8278, 60.7574



73.4050, 85.9411, 107.3272



39.2503, 41.5502, 59.3778



10.8548, 11.8837, 13.6392



17.1036, 23.6011, 38.3984



0.8362, 1.1701, 1.8269



# Previews

## White Background



This preview shows how the XYZ color 42.1194, 39.9298, 37.3856 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

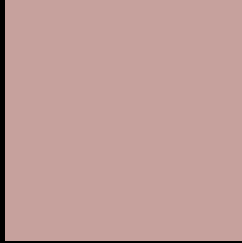
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 42.1194, 39.9298, 37.3856 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 42.1194, 39.9298, 37.3856**

## **Background**



This preview shows how black text looks on a background with the XYZ color 42.1194, 39.9298, 37.3856.



This preview shows how white text looks on a background with the XYZ color 42.1194, 39.9298,

37.3856.

# 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

42.1194, 39.9298, 37.3856

### Protanopia

38.3002, 40.0631, 39.4325

### Deuteranopia

40.7621, 40.0276, 37.0302



## Tritanopia

43.5682, 40.0159, 43.9556

# Trichromacy



## Original Color

42.1194, 39.9298, 37.3856

## Protanomaly

39.5098, 39.8778, 38.8725

## Deuteranomaly

41.3461, 40.0640, 37.0064

## Tritanomaly

43.0069, 40.0369, 41.5376

# Monochromacy



## Original Color

42.1194, 39.9298, 37.3856

## Achromatopsia

39.2122, 41.2543, 44.9259

## Achromatomaly

40.0337, 40.6190, 42.2895

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 42.1194, 39.9298, 37.3856 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, 161, 157)` looks like.

```
.text, #text, p{  
    color:rgb(198, 161, 157)  
}
```

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, 161, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 161, 157) }
```

## Border

The CSS property to change the border of an element to XYZ 42.1194, 39.9298, 37.3856 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, 161, 157) }
```



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

```
.border{ border-color:rgb(198, 161, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 161, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 161, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 161, 157);  
box-shadow:4px 4px 4px 4px rgb(198, 161,  
157) }
```

# Background

The CSS property to change the background color of an element to XYZ 42.1194, 39.9298, 37.3856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 161, 157) }
```

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

```
.background{ background-color: rgb(198,  
161, 157) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor