

Converting Colors

XYZ(40.4747, 35.7203, 36.9005)

Have a look what the booklet for
XYZ(40.4747, 35.7203, 36.9005)
contains.

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Color

**XYZ(40.4247, 35.6154,
37.0916)**

Conversions

Conversions Part 1

Format	Color
Hex	C8939E
RGB	200, 147, 158
RGB Percent	78%, 58%, 62%
CMY	0.2157, 0.4235, 0.3804
CMYK	0.00, 0.26, 0.21, 0.22
HSL	348°, 33%, 68%
HSV	348°, 26%, 78%
XYZ	40.4247, 35.6154, 37.0916
YIQ	164.1010, 28.0570, 14.6570

Conversions

Conversions Part 2

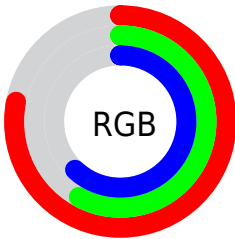
Format	Color
R _Y B	200, 147, 158
Decimal	13144990
CIE Lab	66.23, 21.60, 2.09
CIE LCh	66, 21.698, 5.519
Yxy	35.6154, 0.3573, 0.3148
Android (android.graphics.Color)	4291335070 (0xFFC8939E)
YUV	164.1010, -3.0078, 31.4834
Hunter-Lab	59.6786, 16.4735, 4.9250

Details

The XYZ color **40.4247, 35.6154, 37.0916** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.8737, 51.1866, 55.8196**, and the grayscale version is **35.3400, 37.1804, 40.4895**.

A 20% lighter version of the original color is **74.1369, 67.8374, 72.1373**, and **18.5138, 15.4470, 15.9157** is the 20% darker color. If you saturate the color by 10%, you get **36.3034, 29.4170, 29.4152**, and if you desaturate by 10%, it is **45.2647, 42.9689, 45.8765**.

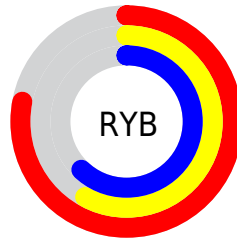
Distribution



Red (78%)

Green (58%)

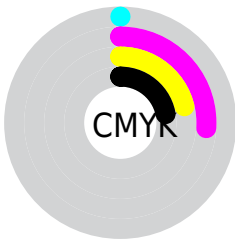
Blue (62%)



Red (78%)

Yellow (58%)

Blue (62%)

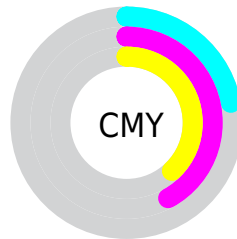


Cyan (0%)

Magenta (26%)

Yellow (21%)

Black (22%)



Cyan (22%)


Magenta (42%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.4247, 35.6154, 37.0916 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 40.4247, 35.6154, 37.0916 by changing the saturation by 10% instead.

 40.4247, 35.6154,
37.0916


 40.4247, 35.6154,
37.0916


339.0142,
327.2764, 348.8876

 28.0555, 24.1373,
24.9821

 75.0900, 68.4380,
71.9015

 18.5082, 15.4355,
15.8448


 98.1169, 90.5514,
95.4390

 11.4173, 9.1256,
9.2612


125.4270,
116.9786, 123.6230

 6.4176, 4.8232,
4.8128

157.3858,
148.1040, 156.8718

 3.1437, 2.1439,
2.0811

194.3585,
184.3121, 195.6042

 1.2302, 0.6891,
0.6045

236.7106,

 0.1300, 0.0000,

225.9873, 240.2385

0.0000

284.8074,
273.5139, 291.1935

0.0000, 0.0000,
0.0000

40.4247, 35.6154,
37.0916

40.4247, 35.6154,
37.0916

36.3034, 29.4170,
29.4152

45.2647, 42.9689,
45.8765

32.8631, 24.3099,
22.8007

50.8526, 51.5269,
55.8097

30.0672, 20.2322,
17.2012

57.2198, 61.3420,
66.9317

27.8744, 17.1133,
12.5655

64.3948, 72.4623,
79.2803

26.2385, 14.8737,
8.8375

72.4048, 84.9333,
92.8916

■ 25.1060, 13.4213,
5.9553

■ 77.3255, 90.8978,
106.4835

■ 24.4097, 12.6371,
3.8472

■ 77.6296, 91.0194,
108.0847

■ 24.2286, 12.4430,
3.2685

Harmonies

Analogous

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



39.8309, 35.6154, 46.6356



40.4247, 35.6154, 37.0916



39.1682, 35.6154, 29.3268

Triad

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



40.4247, 35.6154, 37.0916



30.3662, 35.6154, 26.0168



31.3398, 35.6154, 57.3466

Complementary

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



40.4247, 35.6154, 37.0916



41.8737, 51.1866, 55.8196

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.



29.0389, 35.6154, 50.0712



40.4247, 35.6154, 37.0916



28.5024, 35.6154, 31.8586

Square

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



40.4247, 35.6154, 37.0916



33.2569, 35.6154, 23.6186



28.0323, 35.6154, 40.5171



34.4529, 35.6154, 59.3399

Rectangle

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



40.4247, 35.6154, 37.0916



37.4946, 35.6154, 25.8752



28.0323, 35.6154, 40.5171



30.4521, 35.6154, 55.3867

Sweetspot

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



40.4257, 35.6170, 37.0923



86.3892, 86.6700, 93.7077



41.7268, 35.7964, 59.3541



18.1635, 18.0487, 19.4782



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.



40.4257, 35.6170, 37.0923



65.5909, 55.0330, 56.0707



42.0103, 40.2340, 33.1575



10.7224, 10.6723, 11.5214



15.4320, 7.9224, 2.2188



0.7577, 0.3859, 0.2473

Inverse Universe

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



40.4257, 35.6170, 37.0923



65.5909, 55.0330, 56.0707



39.8047, 45.0654, 61.2445



10.7224, 10.6723, 11.5214



15.4320, 7.9224, 2.2188



0.7577, 0.3859, 0.2473

Previews

White Background



This preview shows how the XYZ color 40.4247, 35.6154, 37.0916 looks on a white background.

Color Contrast Check

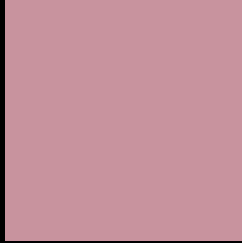
Large Text (above 18pt) WCAG AA × Fail

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 40.4247, 35.6154, 37.0916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

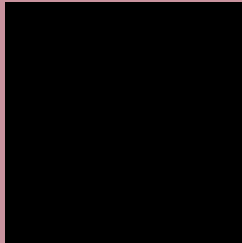
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.4247, 35.6154, 37.0916

Background



This preview shows how black text looks on a background with the XYZ color 40.4247, 35.6154, 37.0916.



This preview shows how white text looks on a background with the XYZ color 40.4247, 35.6154,

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

40.4247, 35.6154, 37.0916

Protanopia

34.5580, 35.6813, 41.1422

Deuteranopia

36.4796, 35.7609, 36.4324



Tritanopia

40.4247, 35.6154, 37.0916

Trichromacy



Original Color

40.4247, 35.6154, 37.0916

Protanomaly

36.2367, 35.3171, 39.5573

Deuteranomaly

37.9706, 35.7816, 36.8036

Tritanomaly

40.4247, 35.6154, 37.0916

Monochromacy



Original Color

40.4247, 35.6154, 37.0916

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

36.8799, 36.4095, 39.2664

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.4247, 35.6154, 37.0916 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(200, 147, 158)` looks like.

```
.text, #text, p{  
    color:rgb(200, 147, 158)  
}
```

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(200, 147, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 147, 158) }
```

Border

The CSS property to change the border of an element to XYZ 40.4247, 35.6154, 37.0916 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(200, 147, 158) }
```


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

```
.border{ border-color:rgb(200, 147, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 147, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 147, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 147, 158);  
box-shadow:4px 4px 4px 4px rgb(200, 147,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 40.4247, 35.6154, 37.0916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 147, 158) }
```

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

```
.background{ background-color: rgb(200,  
147, 158) }
```

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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