

Converting Colors

XYZ(39.9622, 34.8463, 36.8753)

Have a look what the booklet for
XYZ(39.9622, 34.8463, 36.8753)
contains.

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Color

**XYZ(40.1164, 34.9988,
36.9888)**

Conversions

Conversions Part 1

Format	Color
Hex	C8919E
RGB	200, 145, 158
RGB Percent	78%, 57%, 62%
CMY	0.2157, 0.4314, 0.3804
CMYK	0.00, 0.27, 0.21, 0.22
HSL	346°, 33%, 68%
HSV	346°, 27%, 78%
XYZ	40.1164, 34.9988, 36.9888
YIQ	162.9270, 28.6070, 15.7030

Conversions

Conversions Part 2

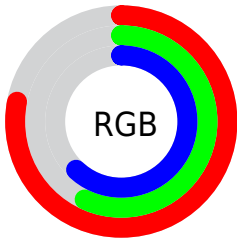
Format	Color
R_{YB}	200, 145, 158
Decimal	13144478
CIE _{Lab}	65.75, 22.70, 1.39
CIE _{LCh}	66, 22.739, 3.513
Yxy	34.9988, 0.3578, 0.3122
Android (android.graphics.Color)	4291334558 (0xFFC8919E)
YUV	162.9270, -2.4290, 32.5130
Hunter-Lab	59.1598, 17.5117, 4.3416

Details

The XYZ color **40.1164, 34.9988, 36.9888** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.3025, 50.9171, 54.6674**, and the grayscale version is **34.7808, 36.5921, 39.8488**.

A 20% lighter version of the original color is **73.6737, 66.9109, 71.9829**, and **18.3336, 15.0867, 15.8557** is the 20% darker color. If you saturate the color by 10%, you get **36.0911, 28.9228, 29.5588**, and if you desaturate by 10%, it is **44.8451, 42.2193, 45.4603**.

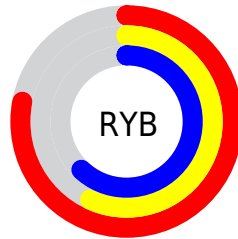
Distribution



Red (78%)

Green (57%)

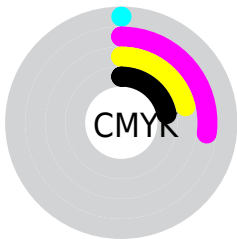
Blue (62%)



Red (78%)

Yellow (57%)

Blue (62%)

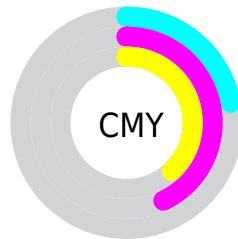


Cyan (0%)

Magenta (27%)

Yellow (21%)

Black (22%)



Cyan (22%)


Magenta (43%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.1164, 34.9988, 36.9888 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 40.1164, 34.9988, 36.9888 by changing the saturation by 10% instead.


 40.1164, 34.9988,
36.9888

 40.1164, 34.9988,
36.9888


337.7399,
324.5630, 348.4293

 27.8139, 23.6620,
24.9031

 74.6239, 67.4839,
71.7417

 18.3252, 15.0830,
15.7865

 97.5597, 89.4010,
95.2460

 11.2848, 8.8777,
9.2205


124.7707,
115.6135, 123.3935

 6.3274, 4.6615,
4.7865

156.6221,
146.5060, 156.6029

 3.0877, 2.0500,
2.0660

193.4794,
182.4628, 195.2926

 1.2003, 0.6363,
0.5954

235.7079,

 0.1066, 0.0000,

223.8683, 239.8812

0.0000

283.6729,
271.1069, 290.7872

■ 0.0000, 0.0000,
0.0000

■ 40.1164, 34.9988,
36.9888

■ 40.1164, 34.9988,
36.9888

■ 36.0911, 28.9228,
29.5588

■ 44.8451, 42.2193,
45.4603

■ 32.7320, 23.9277,
23.1272

■ 50.3060, 50.6341,
55.0096

■ 30.0031, 19.9511,
17.6512

■ 56.5299, 60.2957,
65.6740

■ 27.8634, 16.9219,
13.0838

■ 63.5451, 71.2522,
77.4883

■ 26.2671, 14.7602,
9.3739

■ 71.3781, 83.5493,
90.4857

■ 25.1613, 13.3725,
6.4647

■ 76.7791, 90.6793,
103.6064

■ 24.4733, 12.6278,
4.2892

■ 77.6296, 91.0194,
108.0847

■ 24.3380, 12.4868,
3.8445

Harmonies

Analogous

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



39.3689, 34.9988, 46.9400



40.1164, 34.9988, 36.9888



38.9291, 34.9988, 28.8044

Triad

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



40.1164, 34.9988, 36.9888



29.8347, 34.9988, 24.7054



30.4748, 34.9988, 57.1146

Complementary

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



40.1164, 34.9988, 36.9888



41.3025, 50.9171, 54.6674

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.



28.1794, 34.9988, 49.2253



40.1164, 34.9988, 36.9888



27.8276, 34.9988, 30.4593

Square

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



40.1164, 34.9988, 36.9888



32.8723, 34.9988, 22.5034



27.2423, 34.9988, 39.2490



33.6615, 34.9988, 59.6412

Rectangle

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



40.1164, 34.9988, 36.9888



37.2438, 34.9988, 25.1190



27.2423, 34.9988, 39.2490



29.5807, 34.9988, 54.9435

Sweetspot

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



40.1174, 35.0004, 36.9895



86.4762, 86.7048, 94.1655



40.8625, 34.8931, 59.2253



18.1853, 18.0574, 19.5927



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.



40.1174, 35.0004, 36.9895



65.1495, 54.0791, 56.1422



41.2867, 39.0356, 32.1487



10.7349, 10.6773, 11.5872



15.5043, 7.9513, 2.5995



0.7633, 0.3882, 0.2769

Inverse Universe

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



40.1174, 35.0004, 36.9895



65.1495, 54.0791, 56.1422



39.7153, 45.4143, 61.3166



10.7349, 10.6773, 11.5872



15.5043, 7.9513, 2.5995



0.7633, 0.3882, 0.2769

Previews

White Background



This preview shows how the XYZ color 40.1164, 34.9988, 36.9888 looks on a white background.

Color Contrast Check

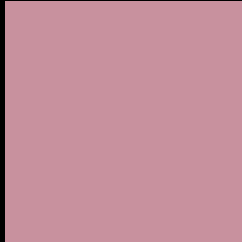
Large Text (above 18pt) WCAG AA × Fail

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 40.1164, 34.9988, 36.9888 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 40.1164, 34.9988, 36.9888

Background



This preview shows how black text looks on a background with the XYZ color 40.1164, 34.9988, 36.9888.



This preview shows how white text looks on a background with the XYZ color 40.1164, 34.9988,

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

40.1164, 34.9988, 36.9888

Protanopia

33.9790, 35.1265, 41.0656

Deuteranopia

35.8536, 35.1901, 36.3552



Tritanopia

39.9456, 34.9305, 36.0894

Trichromacy



Original Color

40.1164, 34.9988, 36.9888

Protanomaly

35.8457, 34.8695, 39.4915

Deuteranomaly

37.1600, 34.8818, 36.6726

Tritanomaly

40.0306, 34.9645, 36.5373

Monochromacy



Original Color

40.1164, 34.9988, 36.9888

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

36.2260, 35.5802, 38.6766

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.1164, 34.9988, 36.9888 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, 145, 158)` looks like.

```
.text, #text, p{  
    color:rgb(200, 145, 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, 145, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 145, 158) }
```

Border

The CSS property to change the border of an element to XYZ 40.1164, 34.9988, 36.9888 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, 145, 158) }
```


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

```
.border{ border-color:rgb(200, 145, 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, 145, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 145, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 145, 158);  
box-shadow:4px 4px 4px 4px rgb(200, 145,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 40.1164, 34.9988, 36.9888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 145, 158) }
```

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

```
.background{ background-color: rgb(200,  
145, 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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