

Converting Colors

XYZ(40.1452, 34.7048, 35.6737)

Have a look what the booklet for
XYZ(40.1452, 34.7048, 35.6737)
contains.

XYZ(40.2468, 34.8696, 35.6196)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(40.2468, 34.8696,
35.6196)**

Conversions

Conversions Part 1

Format	Color
Hex	CA909B
RGB	202, 144, 155
RGB Percent	79%, 56%, 61%
CMY	0.2078, 0.4353, 0.3922
CMYK	0.00, 0.29, 0.23, 0.21
HSL	349°, 35%, 68%
HSV	349°, 29%, 79%
XYZ	40.2468, 34.8696, 35.6196
YIQ	162.5960, 31.0370, 15.7170

Conversions

Conversions Part 2

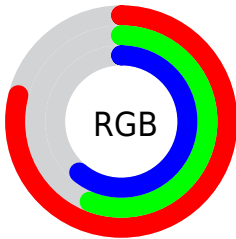
Format	Color
R _Y B	202, 144, 155
Decimal	13275291
CIE Lab	65.65, 23.54, 2.96
CIE LCh	66, 23.722, 7.176
Yxy	34.8696, 0.3634, 0.3149
Android (android.graphics.Color)	4291465371 (0xFFCA909B)
YUV	162.5960, -3.7448, 34.5573
Hunter-Lab	59.0505, 18.3212, 5.5713

Details

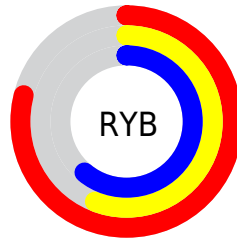
The XYZ color **40.2468, 34.8696, 35.6196** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.0276, 51.9329, 57.1018**, and the grayscale version is **34.6300, 36.4335, 39.6761**.

A 20% lighter version of the original color is **72.9427, 66.2516, 69.2649**, and **18.4457, 15.0312, 15.0258** is the 20% darker color. If you saturate the color by 10%, you get **36.1738, 28.7764, 27.9328**, and if you desaturate by 10%, it is **45.0556, 42.1354, 44.4720**.

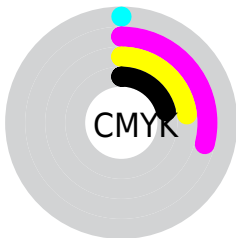
Distribution



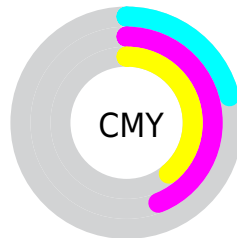
- Red (79%)
- Green (56%)
- Blue (61%)



- Red (79%)
- Yellow (56%)
- Blue (61%)



- Cyan (0%)
- Magenta (29%)
- Yellow (23%)
- Black (21%)





- Cyan (21%)
- Magenta (44%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.2468, 34.8696, 35.6196 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 40.2468, 34.8696, 35.6196 by changing the saturation by 10% instead.


 40.2468, 34.8696,
35.6196


 40.2468, 34.8696,
35.6196

338.2793,
323.9924, 342.2818

 27.9161, 23.5624,
23.8532

 74.8211, 67.2837,
69.6069

 18.4025, 15.0094,
15.0136


 97.7955, 89.1594,
92.6650

 11.3408, 8.8260,
8.6822


125.0484,
115.3268, 120.3239

 6.3655, 4.6278,
4.4405

156.9453,
146.1703, 153.0024

 3.1114, 2.0306,
1.8700

193.8514,
182.0742, 191.1188

 1.2129, 0.6252,
0.4735

236.1323,

 0.1165, 0.0000,

223.4229, 235.0919

0.0000

284.1531,
270.6008, 285.3400

■ 0.0000, 0.0000,
0.0000

■ 40.2468, 34.8696,
35.6196

■ 40.2468, 34.8696,
35.6196

■ 36.1738, 28.7764,
27.9328

■ 45.0556, 42.1354,
44.4720

■ 32.7969, 23.7895,
21.3604

■ 50.6312, 50.6258,
54.5340

■ 30.0774, 19.8436,
15.8508

■ 57.0067, 60.3955,
65.8497

■ 27.9713, 16.8644,
11.3471

■ 64.2120, 71.4946,
78.4604

■ 26.4289, 14.7678,
7.7870

■ 72.2756, 83.9703,
92.4056

■ 25.3929, 13.4549,
5.1009

■ 77.8822, 91.1826,
106.6088

■ 24.7756, 12.7692,
3.2032

■ 78.1673, 91.2966,
108.1099

■ 24.7120, 12.6985,
3.0078

Harmonies

Analogous

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



39.7116, 34.8696, 45.9101



40.2468, 34.8696, 35.6196



38.7746, 34.8696, 27.5096

Triad

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



40.2468, 34.8696, 35.6196



29.2554, 34.8696, 24.6348



30.6101, 34.8696, 58.5487

Complementary

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



40.2468, 34.8696, 35.6196



42.0276, 51.9329, 57.1018

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.



28.0840, 34.8696, 50.7866



40.2468, 34.8696, 35.6196



27.3410, 34.8696, 30.9975

Square

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



40.2468, 34.8696, 35.6196



32.3124, 34.8696, 21.9296



26.9277, 34.8696, 40.4155



33.9867, 34.8696, 60.3728

Rectangle

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



40.2468, 34.8696, 35.6196



36.9099, 34.8696, 24.0136



26.9277, 34.8696, 40.4155



29.6406, 34.8696, 56.4888

Sweetspot

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



40.2478, 34.8712, 35.6203



85.3094, 85.0809, 91.5889



41.9704, 35.2112, 60.4619



17.9455, 17.7311, 19.0406



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.



40.2478, 34.8712, 35.6203



64.0275, 52.8679, 52.5843



42.2072, 40.2014, 31.9226



11.2978, 11.2478, 12.1028



15.9265, 8.1812, 2.0657



0.8483, 0.4327, 0.2471

Inverse Universe

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



40.2478, 34.8712, 35.6203



64.0275, 52.8679, 52.5843



39.4290, 44.7256, 62.4323



11.2978, 11.2478, 12.1028



15.9265, 8.1812, 2.0657



0.8483, 0.4327, 0.2471

Previews

White Background



This preview shows how the XYZ color 40.2468, 34.8696, 35.6196 looks on a white background.

Color Contrast Check

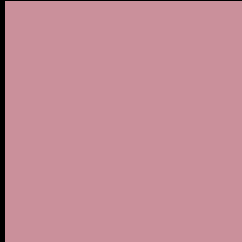
Large Text (above 18pt) WCAG AA × Fail

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 40.2468, 34.8696, 35.6196 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 40.2468, 34.8696, 35.6196

Background



This preview shows how black text looks on a background with the XYZ color 40.2468, 34.8696, 35.6196.



This preview shows how white text looks on a background with the XYZ color 40.2468, 34.8696,

35.6196.

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

40.2468, 34.8696, 35.6196

Protanopia

33.7969, 35.0537, 40.1067

Deuteranopia

35.6655, 34.8761, 34.9890



Tritanopia

40.2468, 34.8696, 35.6196

Trichromacy



Original Color

40.2468, 34.8696, 35.6196

Protanomaly

35.8931, 34.9145, 38.5656

Deuteranomaly

37.2326, 34.7106, 35.3093

Tritanomaly

40.2468, 34.8696, 35.6196

Monochromacy



Original Color

40.2468, 34.8696, 35.6196

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

36.3651, 35.6621, 38.2245

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.2468, 34.8696, 35.6196 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(202, 144, 155)` looks like.

```
.text, #text, p{  
    color:rgb(202, 144, 155)  
}
```

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(202, 144, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 144, 155) }
```

Border

The CSS property to change the border of an element to XYZ 40.2468, 34.8696, 35.6196 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(202, 144, 155) }
```


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

```
.border{ border-color:rgb(202, 144, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 144, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 144, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 144, 155);  
box-shadow:4px 4px 4px 4px rgb(202, 144,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 40.2468, 34.8696, 35.6196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 144, 155) }
```

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

```
.background{ background-color: rgb(202,  
144, 155) }
```

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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