

Converting Colors

XYZ(40.3938, 34.5943, 35.0911)

Have a look what the booklet for
XYZ(40.3938, 34.5943, 35.0911)
contains.

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Color

**XYZ(40.4076, 34.5165,
35.1045)**

Conversions

Conversions Part 1

Format	Color
Hex	CC8E9A
RGB	204, 142, 154
RGB Percent	80%, 56%, 60%
CMY	0.2000, 0.4431, 0.3961
CMYK	0.00, 0.30, 0.25, 0.20
HSL	348°, 38%, 68%
HSV	348°, 30%, 80%
XYZ	40.4076, 34.5165, 35.1045
YIQ	161.9060, 33.1000, 16.8760

Conversions

Conversions Part 2

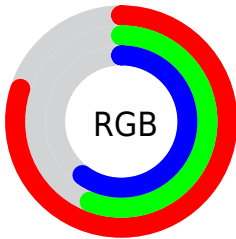
Format	Color
R_{YB}	204, 142, 154
Decimal	13405850
CIE _{Lab}	65.37, 25.23, 3.15
CIE _{LCh}	65, 25.424, 7.126
Yxy	34.5165, 0.3672, 0.3137
Android (android.graphics.Color)	4291595930 (0xFFCC8E9A)
YUV	161.9060, -3.8977, 36.9164
Hunter-Lab	58.7507, 19.9550, 5.6988

Details

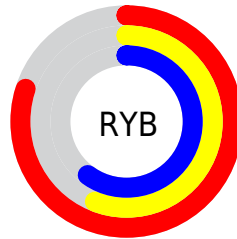
The XYZ color **40.4076, 34.5165, 35.1045** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.2641, 52.7431, 57.8248**, and the grayscale version is **34.3063, 36.0929, 39.3052**.

A 20% lighter version of the original color is **72.3651, 65.2939, 68.4634**, and **18.5837, 14.8510, 14.7190** is the 20% darker color. If you saturate the color by 10%, you get **36.3679, 28.4817, 27.4544**, and if you desaturate by 10%, it is **45.1925, 41.7406, 43.9305**.

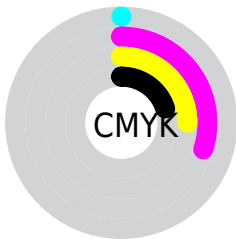
Distribution



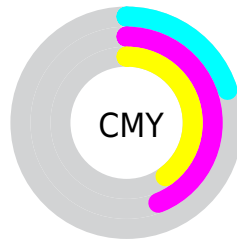
- Red (80%)
- Green (56%)
- Blue (60%)



- Red (80%)
- Yellow (56%)
- Blue (60%)



- Cyan (0%)
- Magenta (30%)
- Yellow (25%)
- Black (20%)





- Cyan (20%)
- Magenta (44%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.4076, 34.5165, 35.1045 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 40.4076, 34.5165, 35.1045 by changing the saturation by 10% instead.


 40.4076, 34.5165,
35.1045


 40.4076, 34.5165,
35.1045


338.9436,
322.4290, 339.9476


 28.0421, 23.2907,
23.4592


 75.0642, 66.7361,
68.8010

 18.4980, 14.8083,
14.7245

 98.0860, 88.4986,
91.6893

 11.4100, 8.6849,
8.4818

 125.3906,
114.5421, 119.1624

 6.4126, 4.5363,
4.3126

157.3435,
145.2511, 151.6387

 3.1406, 1.9778,
1.7983

194.3098,
181.0099, 189.5368

 1.2285, 0.5945,
0.4269

236.6550,

 0.1287, 0.0000,

222.2029, 233.2753

0.0000

284.7445,
269.2144, 283.2728

■ 0.0000, 0.0000,
0.0000

■ 40.4076, 34.5165,
35.1045

■ 40.4076, 34.5165,
35.1045

■ 36.3679, 28.4817,
27.4544

■ 45.1925, 41.7406,
43.9305

■ 33.0326, 23.5675,
20.9279

■ 50.7549, 50.2080,
53.9773

■ 30.3614, 19.7060,
15.4720

■ 57.1288, 59.9753,
65.2900

■ 28.3085, 16.8195,
11.0283

■ 64.3450, 71.0942,
77.9108

■ 26.8221, 14.8198,
7.5329

■ 72.4331, 83.6136,
91.8800

■ 25.8416, 13.6025,
4.9138

■ 78.3466, 91.4313,
106.2113

■ 25.2760, 12.9871,
3.1354

■ 78.7119, 91.5774,
108.1354

Harmonies

Analogous

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



39.8291, 34.5165, 46.0974



40.4076, 34.5165, 35.1045



38.8303, 34.5165, 26.5500

Triad

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



40.4076, 34.5165, 35.1045



28.6864, 34.5165, 23.5322



30.1111, 34.5165, 59.7265

Complementary

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



40.4076, 34.5165, 35.1045



42.2641, 52.7431, 57.8248

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.



27.4410, 34.5165, 51.3130



40.4076, 34.5165, 35.1045



26.6628, 34.5165, 30.1867

Square

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



40.4076, 34.5165, 35.1045



31.9298, 34.5165, 20.7353



26.2246, 34.5165, 40.1747



33.6999, 34.5165, 61.7215

Rectangle

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



40.4076, 34.5165, 35.1045



36.8338, 34.5165, 22.9015



26.2246, 34.5165, 40.1747



29.0848, 34.5165, 57.4874

Sweetspot

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



40.4086, 34.5181, 35.1052



85.3224, 85.0861, 91.6575



42.2103, 34.8617, 61.6313



17.9487, 17.7324, 19.0573



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.



40.4086, 34.5181, 35.1052



62.7094, 50.8601, 50.2079



42.4606, 40.1421, 31.1035



11.2996, 11.2486, 12.1121



15.9352, 8.1847, 2.1115



0.8491, 0.4331, 0.2514

Inverse Universe

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



40.4086, 34.5181, 35.1052



62.7094, 50.8601, 50.2079



39.4885, 44.9772, 63.7272



11.2996, 11.2486, 12.1121



15.9352, 8.1847, 2.1115



0.8491, 0.4331, 0.2514

Previews

White Background



This preview shows how the XYZ color 40.4076, 34.5165, 35.1045 looks on a white background.

Color Contrast Check

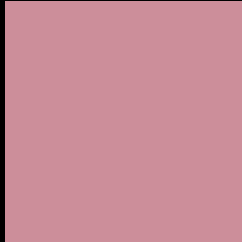
Large Text (above 18pt) WCAG AA × Fail

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 40.4076, 34.5165, 35.1045 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

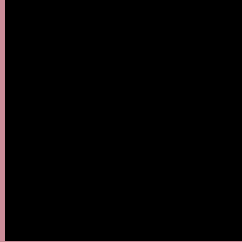
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.4076, 34.5165, 35.1045

Background



This preview shows how black text looks on a background with the XYZ color 40.4076, 34.5165, 35.1045.



This preview shows how white text looks on a background with the XYZ color 40.4076, 34.5165,

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

40.4076, 34.5165, 35.1045

Protanopia

33.5357, 34.6751, 39.5758

Deuteranopia

35.3546, 34.7253, 34.5450



Tritanopia

40.3246, 34.4833, 34.6676

Trichromacy



Original Color

40.4076, 34.5165, 35.1045

Protanomaly

35.7049, 34.3416, 38.0045

Deuteranomaly

37.1496, 34.6774, 34.8724

Tritanomaly

40.3246, 34.4833, 34.6676

Monochromacy



Original Color

40.4076, 34.5165, 35.1045

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

36.1108, 35.2930, 37.7099

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.4076, 34.5165, 35.1045 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(204, 142, 154)` looks like.

```
.text, #text, p{  
    color:rgb(204, 142, 154)  
}
```

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(204, 142, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 142, 154) }
```

Border

The CSS property to change the border of an element to XYZ 40.4076, 34.5165, 35.1045 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(204, 142, 154) }
```


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

```
.border{ border-color:rgb(204, 142, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 142, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 142, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 142, 154);  
box-shadow:4px 4px 4px 4px rgb(204, 142,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 40.4076, 34.5165, 35.1045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 142, 154) }
```

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

```
.background{ background-color: rgb(204,  
142, 154) }
```

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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