

Converting Colors

XYZ(40.6126, 34.9086, 35.4479)

Have a look what the booklet for
XYZ(40.6126, 34.9086, 35.4479)
contains.

XYZ(40.6407, 34.8488, 35.5948)	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(40.6407, 34.8488,
35.5948)**

Conversions

Conversions Part 1

Format	Color
Hex	CC8F9B
RGB	204, 143, 155
RGB Percent	80%, 56%, 61%
CMY	0.2000, 0.4392, 0.3922
CMYK	0.00, 0.30, 0.24, 0.20
HSL	348°, 37%, 68%
HSV	348°, 30%, 80%
XYZ	40.6407, 34.8488, 35.5948
YIQ	162.6070, 32.5040, 16.6640

Conversions

Conversions Part 2

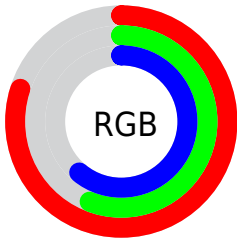
Format	Color
RYB	204, 143, 155
Decimal	13406107
CIELab	65.63, 24.83, 2.97
CIElCh	66, 25.004, 6.815
Yxy	34.8488, 0.3659, 0.3137
Android (android.graphics.Color)	4291596187 (0xFFCC8F9B)
YUV	162.6070, -3.7503, 36.3017
Hunter-Lab	59.0329, 19.5793, 5.5732

Details

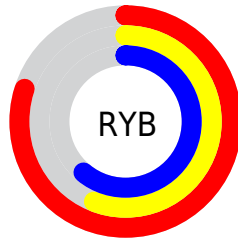
The XYZ color **40.6407, 34.8488, 35.5948** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.4365, 52.8321, 57.8328**, and the grayscale version is **34.6347, 36.4384, 39.6814**.

A 20% lighter version of the original color is **72.7149, 65.7960, 69.1890**, and **18.7203, 15.0433, 15.0137** is the 20% darker color. If you saturate the color by 10%, you get **36.5680, 28.7583, 27.9016**, and if you desaturate by 10%, it is **45.4590, 42.1310, 44.4589**.

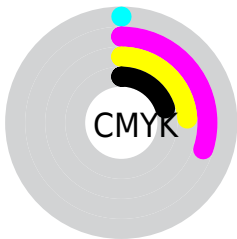
Distribution



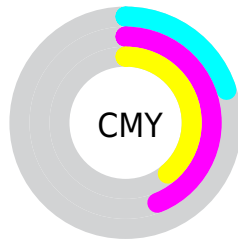
- Red (80%)
- Green (56%)
- Blue (61%)



- Red (80%)
- Yellow (56%)
- Blue (61%)



- Cyan (0%)
- Magenta (30%)
- Yellow (24%)
- Black (20%)





- Cyan (20%)
- Magenta (44%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.6407, 34.8488, 35.5948 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 40.6407, 34.8488, 35.5948 by changing the saturation by 10% instead.


 40.6407, 34.8488,
35.5948


 40.6407, 34.8488,
35.5948


339.9050,
323.9004, 342.1697

 28.2249, 23.5464,
23.8342


 75.4163, 67.2515,
69.5682

 18.6366, 14.9975,
14.9996


 98.5068, 89.1206,
92.6180

 11.5104, 8.8176,
8.6725


125.8863,
115.2807, 120.2681

 6.4811, 4.6224,
4.4343

157.9200,
146.1162, 152.9368

 3.1832, 2.0275,
1.8665

194.9734,
182.0116, 191.0428

 1.2513, 0.6234,
0.4713

237.4118,

 0.1463, 0.0000,

223.3511, 235.0046

0.0000

285.6005,
270.5193, 285.2407

■ 0.0000, 0.0000,
0.0000

■ 40.6407, 34.8488,
35.5948

■ 40.6407, 34.8488,
35.5948

■ 36.5680, 28.7583,
27.9016

■ 45.4590, 42.1310,
44.4589

■ 33.2003, 23.7912,
21.3278

■ 51.0551, 50.6587,
54.5382

■ 30.4976, 19.8798,
15.8211

■ 57.4625, 60.4883,
65.8773

■ 28.4145, 16.9471,
11.3239

■ 64.7122, 71.6713,
78.5179

■ 26.8997, 14.9055,
7.7732

■ 72.8334, 84.2564,
92.4998

■ 25.8933, 13.6515,
5.0985

■ 78.4441, 91.4703,
106.7244

■ 25.2921, 12.9970,
3.2086

■ 78.7120, 91.5774,
108.1354

■ 25.2871, 12.9915,
3.1931

Harmonies

Analogous

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



40.0472, 34.8488, 46.4763



40.6407, 34.8488, 35.5948



39.1037, 34.8488, 27.0701

Triad

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



40.6407, 34.8488, 35.5948



29.0689, 34.8488, 23.9476



30.4197, 34.8488, 59.7360

Complementary

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



40.6407, 34.8488, 35.5948



42.4365, 52.8321, 57.8328

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.



27.7850, 34.8488, 51.3990



40.6407, 34.8488, 35.5948



27.0464, 34.8488, 30.5264

Square

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



40.6407, 34.8488, 35.5948



32.2918, 34.8488, 21.1978



26.5943, 34.8488, 40.3952



33.9678, 34.8488, 61.7756

Rectangle

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



40.6407, 34.8488, 35.5948



37.1401, 34.8488, 23.4110



26.5943, 34.8488, 40.3952



29.4061, 34.8488, 57.5109

Sweetspot

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



40.6417, 34.8504, 35.5955



85.3330, 85.0903, 91.7134



42.4103, 35.1866, 61.6835



17.9513, 17.7334, 19.0710



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.



40.6417, 34.8504, 35.5955



62.7393, 50.8721, 50.3656



42.6583, 40.4168, 31.5414



11.3010, 11.2491, 12.1198



15.9424, 8.1876, 2.1496



0.8498, 0.4333, 0.2549

Inverse Universe

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



40.6417, 34.8504, 35.5955



62.7393, 50.8721, 50.3656



39.7239, 45.1921, 63.7564



11.3010, 11.2491, 12.1198



15.9424, 8.1876, 2.1496



0.8498, 0.4333, 0.2549

Previews

White Background



This preview shows how the XYZ color 40.6407, 34.8488, 35.5948 looks on a white background.

Color Contrast Check

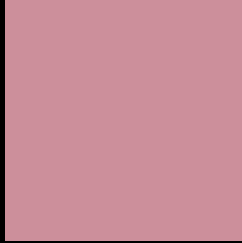
Large Text (above 18pt) WCAG AA × Fail

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 40.6407, 34.8488, 35.5948 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

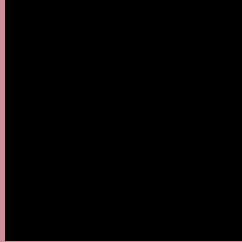
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.6407, 34.8488, 35.5948

Background



This preview shows how black text looks on a background with the XYZ color 40.6407, 34.8488, 35.5948.



This preview shows how white text looks on a background with the XYZ color 40.6407, 34.8488,

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

40.6407, 34.8488, 35.5948

Protanopia

33.7969, 35.0537, 40.1067

Deuteranopia

35.6655, 34.8761, 34.9890



Tritanopia

40.5570, 34.8154, 35.1543

Trichromacy



Original Color

40.6407, 34.8488, 35.5948

Protanomaly

35.9557, 34.7028, 38.5214

Deuteranomaly

37.2326, 34.7106, 35.3093

Tritanomaly

40.5570, 34.8154, 35.1543

Monochromacy



Original Color

40.6407, 34.8488, 35.5948

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

36.5937, 35.7800, 38.2352

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.6407, 34.8488, 35.5948 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, 143, 155)` looks like.

```
.text, #text, p{  
    color:rgb(204, 143, 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(204, 143, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 143, 155) }
```

Border

The CSS property to change the border of an element to XYZ 40.6407, 34.8488, 35.5948 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, 143, 155) }
```


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

```
.border{ border-color:rgb(204, 143, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 143, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 143, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 143, 155);  
box-shadow:4px 4px 4px 4px rgb(204, 143,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 40.6407, 34.8488, 35.5948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 143, 155) }
```

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

```
.background{ background-color: rgb(204,  
143, 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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