

Converting Colors

XYZ(40.2008, 34.6413, 34.7046)

Have a look what the booklet for
XYZ(40.2008, 34.6413, 34.7046)
contains.

XYZ(40.2008, 34.6413, 34.7046)	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(40.2008, 34.6413,
34.7046)**

Conversions

Conversions Part 1

Format	Color
Hex	CB8F99
RGB	203, 143, 153
RGB Percent	80%, 56%, 60%
CMY	0.2039, 0.4392, 0.4000
CMYK	0.00, 0.30, 0.25, 0.20
HSL	350°, 37%, 68%
HSV	350°, 30%, 80%
XYZ	40.2008, 34.6413, 34.7046
YIQ	162.0800, 32.5500, 15.8300

Conversions

Conversions Part 2

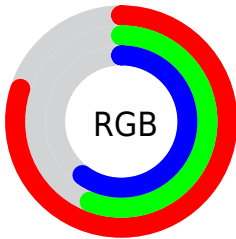
Format	Color
R_{YB}	203, 143, 153
Decimal	13340569
CIE _{Lab}	65.47, 24.16, 3.85
CIE _{LCh}	65, 24.467, 9.043
Yxy	34.6413, 0.3670, 0.3162
Android (android.graphics.Color)	4291530649 (0xFFCB8F99)
YUV	162.0800, -4.4764, 35.8868
Hunter-Lab	58.8569, 18.9207, 6.2398

Details

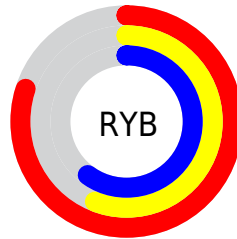
The XYZ color **40.2008, 34.6413, 34.7046** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.3107, 52.4026, 58.3393**, and the grayscale version is **34.3905, 36.1815, 39.4017**.

A 20% lighter version of the original color is **72.4687, 65.6975, 67.8929**, and **18.4382, 14.9095, 14.4764** is the 20% darker color. If you saturate the color by 10%, you get **36.1250, 28.5693, 26.9340**, and if you desaturate by 10%, it is **45.0281, 41.8986, 43.7039**.

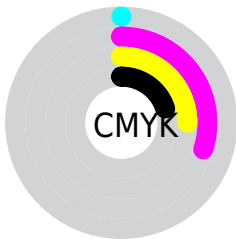
Distribution



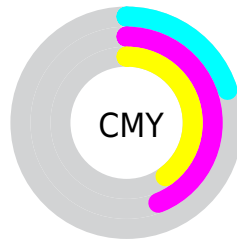
- Red (80%)
- Green (56%)
- Blue (60%)



- 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 40.2008, 34.6413, 34.7046 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 40.2008, 34.6413, 34.7046 by changing the saturation by 10% instead.


 40.2008, 34.6413,
34.7046


 40.2008, 34.6413,
34.7046


338.0891,
322.9822, 338.1271

 27.8800, 23.3867,
23.1537


 74.7516, 66.9297,
68.1743

 18.3752, 14.8793,
14.5007


 97.7123, 88.7323,
90.9301

 11.3210, 8.7347,
8.3270


124.9504,
114.8197, 118.2580

 6.3521, 4.5686,
4.2141

156.8313,
145.5763, 150.5764

 3.1030, 1.9964,
1.7435

193.7202,
181.3864, 188.3041

 1.2085, 0.6054,
0.3903

235.9826,

 0.1130, 0.0000,

222.6345, 231.8593

0.0000

283.9838,
269.7050, 281.6608

■ 0.0000, 0.0000,
0.0000

■ 40.2008, 34.6413,
34.7046

■ 40.2008, 34.6413,
34.7046

■ 36.1250, 28.5693,
26.9340

■ 45.0281, 41.8986,
43.7039

■ 32.7597, 23.6150,
20.3364

■ 50.6394, 50.3945,
53.9802

■ 30.0645, 19.7112,
14.8549

■ 57.0686, 60.1850,
65.5814

■ 27.9936, 16.7818,
10.4270

■ 64.3470, 71.3212,
78.5527

■ 26.4952, 14.7400,
6.9836

■ 72.5040, 83.8513,
92.9370

■ 25.5091, 13.4838,
4.4476

■ 78.3595, 91.4049,
107.7057

■ 24.9356, 12.8350,
2.7205

■ 78.4387, 91.4366,
108.1226

■ 24.9149, 12.8110,
2.6596

Harmonies

Analogous

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



39.7799, 34.6413, 45.2168



40.2008, 34.6413, 34.7046



38.5654, 34.6413, 26.6152

Triad

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



40.2008, 34.6413, 34.7046



28.7778, 34.6413, 24.3874



30.5247, 34.6413, 59.2818

Complementary

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



40.2008, 34.6413, 34.7046



42.3107, 52.4026, 58.3393

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.



27.8642, 34.6413, 51.5463



40.2008, 34.6413, 34.7046



26.9075, 34.6413, 31.0986

Square

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



40.2008, 34.6413, 34.7046



31.8556, 34.6413, 21.4094



26.5856, 34.6413, 40.9020



34.0191, 34.6413, 60.7248

Rectangle

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



40.2008, 34.6413, 34.7046



36.5942, 34.6413, 23.2148



26.5856, 34.6413, 40.9020



29.5106, 34.6413, 57.2720

Sweetspot

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



40.2018, 34.6429, 34.7053



85.2327, 85.0502, 91.1848



42.5953, 35.2958, 61.0679



17.9268, 17.7236, 18.9418



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.



40.2018, 34.6429, 34.7053



63.1324, 51.7623, 50.1757



42.6848, 40.8755, 31.6286



11.2873, 11.2437, 12.0476



15.8786, 8.1620, 1.8132



0.8435, 0.4308, 0.2217

Inverse Universe

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



40.2018, 34.6429, 34.7053



63.1324, 51.7623, 50.1757



39.0420, 44.0197, 62.9390



11.2873, 11.2437, 12.0476



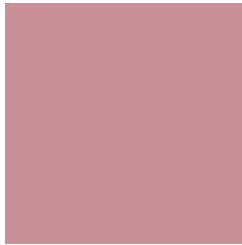
15.8786, 8.1620, 1.8132



0.8435, 0.4308, 0.2217

Previews

White Background



This preview shows how the XYZ color 40.2008, 34.6413, 34.7046 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 40.2008, 34.6413, 34.7046 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 40.2008, 34.6413, 34.7046

Background



This preview shows how black text looks on a background with the XYZ color 40.2008, 34.6413, 34.7046.



This preview shows how white text looks on a background with the XYZ color 40.2008, 34.6413,

34.7046.

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

40.2008, 34.6413, 34.7046

Protanopia

33.4464, 34.6394, 39.1057

Deuteranopia

35.5016, 34.8105, 34.1261



Tritanopia

40.2838, 34.6745, 35.1415

Trichromacy



Original Color

40.2008, 34.6413, 34.7046

Protanomaly

35.5537, 34.5158, 37.5892

Deuteranomaly

37.0674, 34.6445, 34.4392

Tritanomaly

40.2838, 34.6745, 35.1415

Monochromacy



Original Color

40.2008, 34.6413, 34.7046

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 40.2008, 34.6413, 34.7046 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(203, 143, 153)` looks like.

```
.text, #text, p{  
    color:rgb(203, 143, 153)  
}
```

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(203, 143, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 143, 153) }
```

Border

The CSS property to change the border of an element to XYZ 40.2008, 34.6413, 34.7046 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(203, 143, 153) }
```


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

```
.border{ border-color:rgb(203, 143, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 143, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 143, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 143, 153);  
box-shadow:4px 4px 4px 4px rgb(203, 143,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 40.2008, 34.6413, 34.7046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 143, 153) }
```

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

```
.background{ background-color: rgb(203,  
143, 153) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor