

Converting Colors

XYZ(40.7959, 34.6878, 54.7000)

Have a look what the booklet for
XYZ(40.7959, 34.6878, 54.7000)
contains.

XYZ(40.7229, 34.6994, 54.4205)	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(40.7229, 34.6994,
54.4205)**

Conversions

Conversions Part 1

Format	Color
Hex	BE90C0
RGB	190, 144, 192
RGB Percent	75%, 56%, 75%
CMY	0.2549, 0.4353, 0.2471
CMYK	0.01, 0.25, 0.00, 0.25
HSL	298°, 28%, 66%
HSV	298°, 25%, 75%
XYZ	40.7229, 34.6994, 54.4205
YIQ	163.2260, 12.0080, 24.6800

Conversions

Conversions Part 2

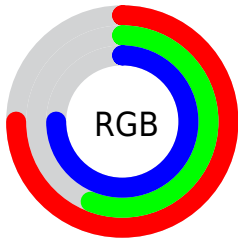
Format	Color
R_{YB}	190, 144, 192
Decimal	12488896
CIE _{Lab}	65.51, 25.58, -18.18
CIE _{LCh}	66, 31.385, 324.606
Yxy	34.6994, 0.3136, 0.2672
Android (android.graphics.Color)	4290678976 (0xFFBE90C0)
YUV	163.2260, 14.1856, 23.4808
Hunter-Lab	58.9062, 20.3144, -13.5407

Details

The XYZ color **40.7229, 34.6994, 54.4205** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **35.7389, 45.8247, 33.3486**, and the grayscale version is **34.8515, 36.6665, 39.9298**.

A 20% lighter version of the original color is **75.4951, 66.9396, 97.7486**, and **18.6551, 14.8979, 25.9371** is the 20% darker color. If you saturate the color by 10%, you get **37.8597, 29.2681, 53.5236**, and if you desaturate by 10%, it is **44.0839, 41.1234, 55.4838**.

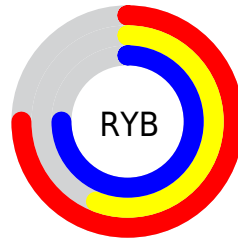
Distribution



Red (75%)

Green (56%)

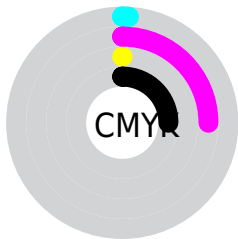
Blue (75%)



Red (75%)

Yellow (56%)

Blue (75%)

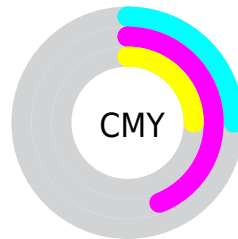


Cyan (1%)

Magenta (25%)

Yellow (0%)

Black (25%)



Cyan (25%)


Magenta (44%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.7229, 34.6994, 54.4205 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 40.7229, 34.6994, 54.4205 by changing the saturation by 10% instead.


 40.7229, 34.6994,
54.4205


 40.7229, 34.6994,
54.4205

340.2435,
323.2395, 420.9313

 28.2893, 23.4314,
38.5425


 75.5404, 67.0198,
98.1540

 18.6855, 14.9124,
26.0989


 98.6551, 88.8411,
126.8466

 11.5459, 8.7579,
16.6712


126.0609,
114.9488, 160.6477

 6.5052, 4.5836,
9.8409

158.1231,
145.7275, 199.9760

 3.1982, 2.0051,
5.1894

195.2071,
181.5615, 245.2500

 1.2594, 0.6104,
2.2981

237.6783,

 0.1525, 0.0000,

222.8353, 296.8882

0.7302

285.9020,
269.9331, 355.3091

■ 0.0000, 0.0000,
0.0000

■ 40.7229, 34.6994,
54.4205

■ 40.7229, 34.6994,
54.4205

■ 37.8597, 29.2681,
53.5236

■ 44.0839, 41.1234,
55.4838

■ 35.4660, 24.7749,
52.7825

■ 47.9627, 48.5820,
56.7190

■ 33.5158, 21.1669,
52.1888

■ 52.3822, 57.1203,
58.1342

■ 31.9790, 18.3842,
51.7327

■ 57.3629, 66.7794,
59.7360

■ 30.8219, 16.3594,
51.4029

■ 62.9242, 77.5981,
61.5312

■ 30.0056, 15.0144,
51.1863

■ 67.7287, 86.9013,
63.0736

■ 29.4825, 14.2544,
51.0672

■ 67.9356, 87.0080,
63.0833

■ 29.2823, 13.9965,
51.0279

■ 68.1437, 87.1153,
63.0931

■ 68.3529, 87.2231,
63.1029

Harmonies

Analogous

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



36.7993, 34.6994, 65.7842



40.7229, 34.6994, 54.4205



42.5855, 34.6994, 40.2116

Triad

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



40.7229, 34.6994, 54.4205



33.8186, 34.6994, 17.7693



25.5800, 34.6994, 49.3313

Complementary

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



40.7229, 34.6994, 54.4205



35.7389, 45.8247, 33.3486

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.



24.9410, 34.6994, 35.4518



40.7229, 34.6994, 54.4205



29.4359, 34.6994, 19.1246

Square

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



40.7229, 34.6994, 54.4205



38.3693, 34.6994, 20.6762



26.2879, 34.6994, 24.9356



28.1219, 34.6994, 62.4000

Rectangle

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



40.7229, 34.6994, 54.4205



42.2939, 34.6994, 31.7516



26.2879, 34.6994, 24.9356



25.1461, 34.6994, 44.5308

Sweetspot

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



40.7240, 34.7009, 54.4212



85.3390, 85.0097, 102.2710



31.3581, 30.4180, 54.0882



18.2135, 18.0553, 21.9104



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



40.7240, 34.7009, 54.4212



70.8351, 57.2622, 97.6796



39.0062, 34.0719, 42.7507



10.4545, 10.2255, 12.7075



19.7206, 9.4268, 34.3368



0.8651, 0.4140, 1.4842

Inverse Universe

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



36.9009, 33.2298, 31.6647



62.7461, 54.1547, 49.2932



37.1987, 46.3679, 42.8749



10.0898, 10.0845, 10.5636



14.6642, 7.5554, 0.8776



0.6396, 0.3288, 0.0694

Previews

White Background



This preview shows how the XYZ color 40.7229, 34.6994, 54.4205 looks on a white background.

Color Contrast Check

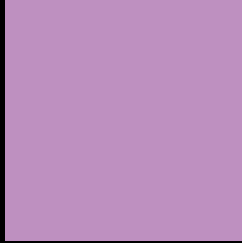
Large Text (above 18pt) WCAG AA × Fail

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 40.7229, 34.6994, 54.4205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

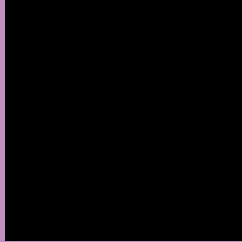
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.7229, 34.6994, 54.4205

Background



This preview shows how black text looks on a background with the XYZ color 40.7229, 34.6994, 54.4205.



This preview shows how white text looks on a background with the XYZ color 40.7229, 34.6994,

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

40.7229, 34.6994, 54.4205

Protanopia

35.1003, 35.0139, 60.7855

Deuteranopia

35.6799, 34.9682, 53.5842



Tritanopia

37.5891, 34.8250, 38.4590

Trichromacy



Original Color

40.7229, 34.6994, 54.4205

Protanomaly

36.6885, 34.6462, 58.1798

Deuteranomaly

37.4268, 34.8760, 54.0493

Tritanomaly

38.5298, 34.7232, 43.7012

Monochromacy



Original Color

40.7229, 34.6994, 54.4205

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

36.7620, 35.7172, 45.0009

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.7229, 34.6994, 54.4205 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(190, 144, 192)` looks like.

```
.text, #text, p{  
    color:rgb(190, 144, 192)  
}
```

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(190, 144, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 144, 192) }
```

Border

The CSS property to change the border of an element to XYZ 40.7229, 34.6994, 54.4205 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(190, 144, 192) }
```


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

```
.border{ border-color:rgb(190, 144, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 144, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 144, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 144, 192);  
box-shadow:4px 4px 4px 4px rgb(190, 144,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 40.7229, 34.6994, 54.4205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 144, 192) }
```

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

```
.background{ background-color: rgb(190,  
144, 192) }
```

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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