

Converting Colors

XYZ(40.8374, 34.9526, 45.6706)

Have a look what the booklet for
XYZ(40.8374, 34.9526, 45.6706)
contains.

XYZ(40.8357, 34.9514, 45.6683)	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(40.8357, 34.9514,
45.6683)**

Conversions

Conversions Part 1

Format	Color
Hex	C590B0
RGB	197, 144, 176
RGB Percent	77%, 56%, 69%
CMY	0.2274, 0.4353, 0.3098
CMYK	0.00, 0.27, 0.11, 0.23
HSL	324°, 31%, 67%
HSV	324°, 27%, 77%
XYZ	40.8357, 34.9514, 45.6683
YIQ	163.4950, 21.3160, 21.1880

Conversions

Conversions Part 2

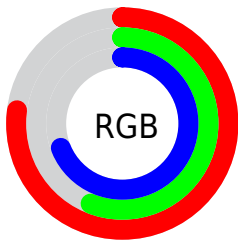
Format	Color
RYB	197, 144, 176
Decimal	12947632
CIELab	65.71, 25.08, -8.83
CIELCh	66, 26.592, 340.610
Yxy	34.9514, 0.3362, 0.2878
Android (android.graphics.Color)	4291137712 (0xFFC590B0)
YUV	163.4950, 6.1650, 29.3839
Hunter-Lab	59.1197, 19.8356, -4.4160

Details

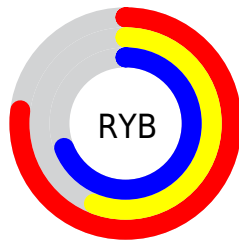
The XYZ color **40.8357, 34.9514, 45.6683** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **38.2608, 48.5794, 42.9597**, and the grayscale version is **35.0123, 36.8357, 40.1141**.

A 20% lighter version of the original color is **75.6326, 67.2852, 85.3450**, and **18.7078, 15.0347, 20.9848** is the 20% darker color. If you saturate the color by 10%, you get **37.3581, 29.1966, 40.8074**, and if you desaturate by 10%, it is **44.8804, 41.7684, 50.9381**.

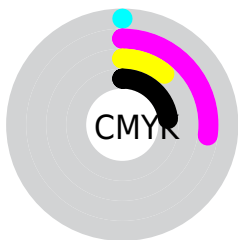
Distribution



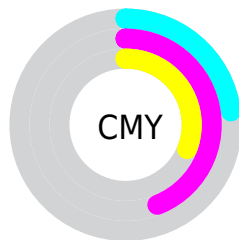
- Red (77%)
- Green (56%)
- Blue (69%)



- Red (77%)
- Yellow (56%)
- Blue (69%)



- Cyan (0%)
- Magenta (27%)
- Yellow (11%)
- Black (23%)



- Cyan (23%)
- Magenta (44%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.8357, 34.9514, 45.6683 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 40.8357, 34.9514, 45.6683 by changing the saturation by 10% instead.

40.8357, 34.9514,
45.6683

40.8357, 34.9514,
45.6683

340.7078,
324.3538, 385.7123

28.3778, 23.6254,
31.6374

75.7107, 67.4105,
85.0514

18.7526, 15.0560,
20.8222

98.8585, 89.3124,
111.2407

11.5946, 8.8587,
12.8041

126.3004,
115.5084, 142.3198

6.5385, 4.6491,
7.1646

158.4017,
146.3829, 178.7073

3.2189, 2.0429,
3.4853

195.5277,
182.3203, 220.8218

1.2706, 0.6322,
1.3474

238.0438,

0.1610, 0.0000,

223.7050, 269.0817

0.1002

286.3154,
270.9213, 323.9057

■ 0.0000, 0.0000,
0.0000

■ 40.8357, 34.9514,
45.6683

■ 40.8357, 34.9514,
45.6683

■ 37.3581, 29.1966,
40.8074

■ 44.8804, 41.7684,
50.9381

■ 34.4168, 24.4449,
36.3405

■ 49.5149, 49.6933,
56.6269

■ 31.9825, 20.6385,
32.2543

■ 54.7645, 58.7749,
62.7470

■ 30.0218, 17.7120,
28.5340

■ 60.6519, 69.0577,
69.3092

■ 28.4971, 15.5912,
25.1629

■ 67.1988, 80.5837,
76.3241

■ 27.3646, 14.1899,
22.1225

■ 72.0837, 88.7095,
83.0213

■ 26.5656, 13.3922,
19.3890

■ 73.1599, 89.1399,
88.6883

■ 26.3523, 13.2009,
18.5925

■ 74.2852, 89.5900,
94.6141

■ 75.4603, 90.0601,
100.8021

Harmonies

Analogous

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



38.3628, 34.9514, 56.8723



40.8357, 34.9514, 45.6683



41.1788, 34.9514, 34.2244

Triad

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



40.8357, 34.9514, 45.6683



31.8539, 34.9514, 20.5612



27.8290, 34.9514, 53.8774

Complementary

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



40.8357, 34.9514, 45.6683



38.2608, 48.5794, 42.9597

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.



26.3595, 34.9514, 42.1637



40.8357, 34.9514, 45.6683



28.5591, 34.9514, 23.9286

Square

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



40.8357, 34.9514, 45.6683



35.7815, 34.9514, 21.1328



26.6159, 34.9514, 31.3406



30.7842, 34.9514, 62.2183

Rectangle

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



40.8357, 34.9514, 45.6683



40.1263, 34.9514, 28.1038



26.6159, 34.9514, 31.3406



27.1558, 34.9514, 50.1179

Sweetspot

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



40.8367, 34.9530, 45.6690



87.6095, 87.1581, 100.1337



35.4281, 31.9058, 57.1151



18.4700, 18.1713, 21.0921



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.



40.8367, 34.9530, 45.6690



69.5346, 56.6105, 76.8379



38.5203, 34.0264, 33.4709



10.8982, 10.7427, 12.4474



17.3750, 8.6996, 12.4506



0.8577, 0.4259, 0.7737

Inverse Universe

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



40.8367, 34.9530, 45.6690



69.5346, 56.6105, 76.8379



40.8528, 49.6162, 56.6090



10.8982, 10.7427, 12.4474



17.3750, 8.6996, 12.4506



0.8577, 0.4259, 0.7737

Previews

White Background



This preview shows how the XYZ color 40.8357, 34.9514, 45.6683 looks on a white background.

Color Contrast Check

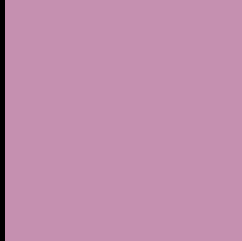
Large Text (above 18pt) WCAG AA × Fail

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 40.8357, 34.9514, 45.6683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

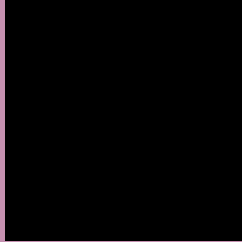
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.8357, 34.9514, 45.6683

Background



This preview shows how black text looks on a background with the XYZ color 40.8357, 34.9514, 45.6683.



This preview shows how white text looks on a background with the XYZ color 40.8357, 34.9514,

45.6683.

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

40.8357, 34.9514, 45.6683

Protanopia

34.6727, 35.2676, 50.8788

Deuteranopia

35.7235, 34.9337, 44.9044



Tritanopia

39.1110, 34.9382, 37.0301

Trichromacy



Original Color

40.8357, 34.9514, 45.6683

Protanomaly

36.5767, 35.0346, 49.0905

Deuteranomaly

37.3949, 34.8121, 45.3059

Tritanomaly

39.8354, 35.0101, 40.2554

Monochromacy



Original Color

40.8357, 34.9514, 45.6683

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

36.6355, 35.7180, 42.0092

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.8357, 34.9514, 45.6683 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(197, 144, 176)` looks like.

```
.text, #text, p{  
  color:rgb(197, 144, 176)  
}
```

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(197, 144, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 144, 176) }
```

Border

The CSS property to change the border of an element to XYZ 40.8357, 34.9514, 45.6683 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(197, 144, 176) }
```


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

```
.border{ border-color:rgb(197, 144, 176) }
```

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

Here you see how a box with a 4 pixel rgb(197, 144, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 144, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 144, 176);  
box-shadow:4px 4px 4px 4px rgb(197, 144,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 40.8357, 34.9514, 45.6683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 144, 176) }
```

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

```
.background{ background-color: rgb(197,  
144, 176) }
```

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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