

Converting Colors

XYZ(40.8764, 34.7677, 34.6934)

Have a look what the booklet for
XYZ(40.8764, 34.7677, 34.6934)
contains.

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Color

**XYZ(40.8764, 34.7677,
34.6934)**

Conversions

Conversions Part 1

Format	Color
Hex	CE8E99
RGB	206, 142, 153
RGB Percent	81%, 56%, 60%
CMY	0.1922, 0.4431, 0.4000
CMYK	0.00, 0.31, 0.26, 0.19
HSL	350°, 40%, 68%
HSV	350°, 31%, 81%
XYZ	40.8764, 34.7677, 34.6934
YIQ	162.3900, 34.6130, 16.9890

Conversions

Conversions Part 2

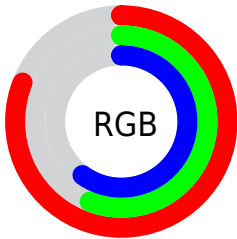
Format	Color
R _Y B	206, 142, 153
Decimal	13536921
CIE Lab	65.57, 25.83, 4.03
CIE LCh	66, 26.140, 8.871
Yxy	34.7677, 0.3705, 0.3151
Android (android.graphics.Color)	4291727001 (0xFFCE8E99)
YUV	162.3900, -4.6293, 38.2460
Hunter-Lab	58.9641, 20.5564, 6.3898

Details

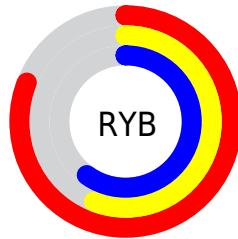
The XYZ color **40.8764, 34.7677, 34.6934** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.0785, 53.8344, 59.7531**, and the grayscale version is **34.5360, 36.3346, 39.5684**.

A 20% lighter version of the original color is **72.2424, 65.2448, 67.8174**, and **18.7170, 14.9255, 14.4648** is the 20% darker color. If you saturate the color by 10%, you get **36.7802, 28.6712, 26.8659**, and if you desaturate by 10%, it is **45.7425, 42.0809, 43.7722**.

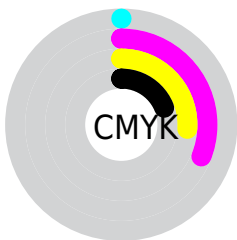
Distribution



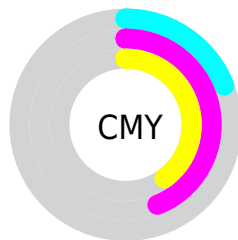
- Red (81%)
- Green (56%)
- Blue (60%)



- Red (81%)
- Yellow (56%)
- Blue (60%)



- Cyan (0%)
- Magenta (31%)
- Yellow (26%)
- Black (19%)





- Cyan (19%)
- Magenta (44%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.8764, 34.7677, 34.6934 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 40.8764, 34.7677, 34.6934 by changing the saturation by 10% instead.


 40.8764, 34.7677,
34.6934


 40.8764, 34.7677,
34.6934


340.8752,
323.5418, 338.0760


 28.4098, 23.4840,
23.1451


 75.7721, 67.1257,
68.1567

 18.7768, 14.9513,
14.4944


 98.9319, 88.9689,
90.9088

 11.6122, 8.7852,
8.3227


 126.3868,
115.1006, 118.2326

 6.5505, 4.6013,
4.2114

158.5022,
145.9053, 150.5467

 3.2264, 2.0153,
1.7420

195.6433,
181.7673, 188.2695

 1.2746, 0.6163,
0.3893

238.1756,

 0.1641, 0.0000,

223.0712, 231.8196

0.0000

286.4645,
270.2012, 281.6156

■ 0.0000, 0.0000,
0.0000

■ 40.8764, 34.7677,
34.6934

■ 40.8764, 34.7677,
34.6934

■ 36.7802, 28.6712,
26.8659

■ 45.7425, 42.0809,
43.7722

■ 33.4111, 23.7204,
20.2326

■ 51.4123, 50.6666,
54.1521

■ 30.7268, 19.8450,
14.7345

■ 57.9213, 60.5835,
65.8825

■ 28.6791, 16.9644,
10.3071

■ 65.3020, 71.8847,
79.0098

■ 27.2136, 14.9869,
6.8792

■ 73.5850, 84.6208,
93.5779

■ 26.2663, 13.8036,
4.3703

■ 79.2638, 91.8619,
108.1612

■ 25.7630, 13.2456,
2.8199

Harmonies

Analogous

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



40.4087, 34.7677, 45.9868



40.8764, 34.7677, 34.6934



39.1229, 34.7677, 26.0938

Triad

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



40.8764, 34.7677, 34.6934



28.6325, 34.7677, 23.6847



30.4592, 34.7677, 61.1575

Complementary

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



40.8764, 34.7677, 34.6934



43.0785, 53.8344, 59.7531

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.



27.6328, 34.7677, 52.7090



40.8764, 34.7677, 34.6934



26.6362, 34.7677, 30.7451

Square

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



40.8764, 34.7677, 34.6934



31.9220, 34.7677, 20.5951



26.2849, 34.7677, 41.2054



34.1953, 34.7677, 62.7780

Rectangle

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



40.8764, 34.7677, 34.6934



37.0045, 34.7677, 22.5090



26.2849, 34.7677, 41.2054



29.3797, 34.7677, 58.9534

Sweetspot

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



40.8774, 34.7693, 34.6941



85.2500, 85.0571, 91.2763



43.1314, 35.3086, 62.9348



17.9310, 17.7253, 18.9642



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.



40.8774, 34.7693, 34.6941



61.8458, 49.7964, 47.8747



43.3046, 41.0110, 31.2267



11.2897, 11.2446, 12.0601



15.8889, 8.1662, 1.8677



0.8446, 0.4312, 0.2275

Inverse Universe

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



40.8774, 34.7693, 34.6941



61.8458, 49.7964, 47.8747



39.8000, 45.2139, 65.0223



11.2897, 11.2446, 12.0601



15.8889, 8.1662, 1.8677



0.8446, 0.4312, 0.2275

Previews

White Background



This preview shows how the XYZ color 40.8764, 34.7677, 34.6934 looks on a white background.

Color Contrast Check

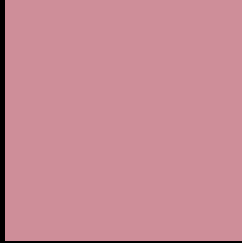
Large Text (above 18pt) WCAG AA × Fail

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 40.8764, 34.7677, 34.6934 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

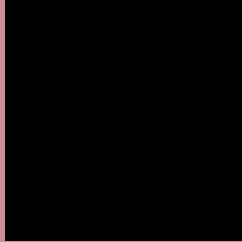
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.8764, 34.7677, 34.6934

Background



This preview shows how black text looks on a background with the XYZ color 40.8764, 34.7677, 34.6934.



This preview shows how white text looks on a background with the XYZ color 40.8764, 34.7677, 34.6934.

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

40.8764, 34.7677, 34.6934

Protanopia

33.9093, 35.1220, 39.6423

Deuteranopia

35.5016, 34.8105, 34.1261



Tritanopia

40.8764, 34.7677, 34.6934

Trichromacy



Original Color

40.8764, 34.7677, 34.6934

Protanomaly

36.0093, 34.7506, 37.6105

Deuteranomaly

37.3129, 34.7711, 34.4506

Tritanomaly

40.8764, 34.7677, 34.6934

Monochromacy



Original Color

40.8764, 34.7677, 34.6934

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

36.3395, 35.4109, 37.7206

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.8764, 34.7677, 34.6934 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(206, 142, 153)` looks like.

```
.text, #text, p{  
    color:rgb(206, 142, 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(206, 142, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 142, 153) }
```

Border

The CSS property to change the border of an element to XYZ 40.8764, 34.7677, 34.6934 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(206, 142, 153) }
```


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

```
.border{ border-color:rgb(206, 142, 153) }
```

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

Here you see how a box with a 4 pixel rgb(206, 142, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 142, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 142, 153);  
box-shadow:4px 4px 4px 4px rgb(206, 142,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 40.8764, 34.7677, 34.6934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 142, 153) }
```

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

```
.background{ background-color: rgb(206,  
142, 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](#).

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