

Converting Colors

XYZ(43.6774, 34.0788, 40.4923)

Have a look what the booklet for
XYZ(43.6774, 34.0788, 40.4923)
contains.

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Color

**XYZ(43.5894, 34.1272,
40.3662)**

Conversions

Conversions Part 1

Format	Color
Hex	D885A6
RGB	216, 133, 166
RGB Percent	85%, 52%, 65%
CMY	0.1529, 0.4784, 0.3490
CMYK	0.00, 0.38, 0.23, 0.15
HSL	336°, 52%, 68%
HSV	336°, 38%, 85%
XYZ	43.5894, 34.1272, 40.3662
YIQ	161.5790, 38.8750, 27.8590

Conversions

Conversions Part 2

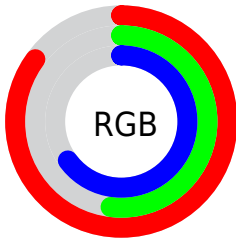
Format	Color
R _Y B	216, 133, 166
Decimal	14189990
CIE Lab	65.06, 36.17, -3.91
CIE LCh	65, 36.382, 353.829
Yxy	34.1272, 0.3691, 0.2890
Android (android.graphics.Color)	4292380070 (0xFFD885A6)
YUV	161.5790, 2.1796, 47.7272
Hunter-Lab	58.4185, 30.9568, -0.0755

Details

The XYZ color **43.5894, 34.1272, 40.3662** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **42.7775, 57.5181, 53.6501**, and the grayscale version is **34.1242, 35.9013, 39.0966**.

A 20% lighter version of the original color is **72.0615, 62.0211, 76.5798**, and **20.2778, 14.4707, 17.6440** is the 20% darker color. If you saturate the color by 10%, you get **39.7966, 28.3561, 33.5076**, and if you desaturate by 10%, it is **48.1129, 41.1659, 48.0651**.

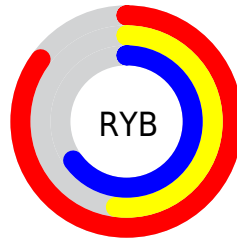
Distribution



Red (85%)

Green (52%)

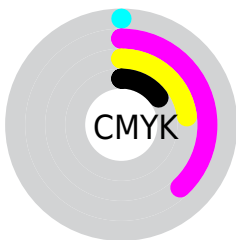
Blue (65%)



Red (85%)

Yellow (52%)

Blue (65%)

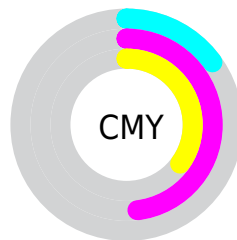


Cyan (0%)

Magenta (38%)

Yellow (23%)

Black (15%)



Cyan (15%)


Magenta (48%)


Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.5894, 34.1272, 40.3662 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 43.5894, 34.1272, 40.3662 by changing the saturation by 10% instead.


 43.5894, 34.1272,
40.3662


 43.5894, 34.1272,
40.3662

351.9107,
320.6989, 363.2625


 30.5444, 22.9913,
27.5082


 79.8497, 66.1314,
76.9640

 20.4023, 14.5871,
17.7195


 103.7957, 87.7686,
101.5409

 12.7977, 8.5301,
10.5814


 132.1061,
113.6749, 130.8612

 7.3655, 4.4360,
5.6755

165.1461,
144.2349, 165.3435

 3.7400, 1.9203,
2.5832

203.2813,
179.8329, 205.4062

 1.5561, 0.5606,
0.8838

246.8768,

 0.3636, 0.0000,

220.8533, 251.4679

0.0000

296.2982,
267.6805, 303.9472

■ 0.0000, 0.0000,
0.0000

■ 43.5894, 34.1272,
40.3662

■ 43.5894, 34.1272,
40.3662

■ 39.7966, 28.3561,
33.5076

■ 48.1129, 41.1659,
48.0651

■ 36.6906, 23.7713,
27.4559

■ 53.4021, 49.5374,
56.6316

■ 34.2269, 20.2895,
22.1782

■ 59.4930, 59.3081,
66.0945

■ 32.3543, 17.8144,
17.6379

■ 66.4183, 70.5388,
76.4801

■ 31.0127, 16.2328,
13.7944

■ 74.2091, 83.2863,
87.8139

■ 30.1143, 15.3763,
10.5968

■ 80.4200, 92.6554,
99.2954

■ 29.9936, 15.2688,
10.1436

■ 82.1291, 93.3390,
108.2953

Harmonies

Analogous

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



41.3231, 34.1272, 57.0513



43.5894, 34.1272, 40.3662



42.6164, 34.1272, 26.6248

Triad

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



43.5894, 34.1272, 40.3662



28.5131, 34.1272, 16.4331



26.8167, 34.1272, 65.8515

Complementary

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



43.5894, 34.1272, 40.3662



42.7775, 57.5181, 53.6501

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.



24.0230, 34.1272, 50.1586



43.5894, 34.1272, 40.3662



24.9257, 34.1272, 22.5286

Square

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



43.5894, 34.1272, 40.3662



33.5383, 34.1272, 15.1308



23.3700, 34.1272, 34.1258



31.3598, 34.1272, 74.1197

Rectangle

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



43.5894, 34.1272, 40.3662



40.3093, 34.1272, 20.4681



23.3700, 34.1272, 34.1258



25.6626, 34.1272, 61.0945

Sweetspot

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



43.5904, 34.1288, 40.3669



83.2259, 80.8756, 91.0122



40.2645, 31.7776, 68.9776



17.5613, 16.9054, 19.0890



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.



43.5904, 34.1288, 40.3669



58.9722, 42.8257, 50.6889



42.1230, 35.4325, 26.8114



12.6257, 12.5018, 13.9693



17.8030, 9.0575, 6.2664



1.1140, 0.5624, 0.5898

Inverse Universe

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



43.5904, 34.1288, 40.3669



58.9722, 42.8257, 50.6889



44.5515, 54.9110, 73.2169



12.6257, 12.5018, 13.9693



17.8030, 9.0575, 6.2664



1.1140, 0.5624, 0.5898

Previews

White Background



This preview shows how the XYZ color 43.5894, 34.1272, 40.3662 looks on a white background.

Color Contrast Check

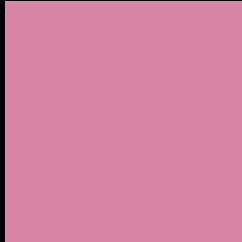
Large Text (above 18pt) WCAG AA × Fail

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 43.5894, 34.1272, 40.3662 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

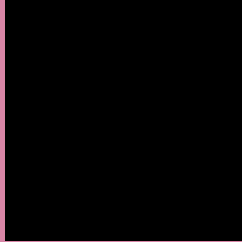
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.5894, 34.1272, 40.3662

Background



This preview shows how black text looks on a background with the XYZ color 43.5894, 34.1272, 40.3662.



This preview shows how white text looks on a background with the XYZ color 43.5894, 34.1272,

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

43.5894, 34.1272, 40.3662

Protanopia

33.7239, 34.3202, 48.5631

Deuteranopia

34.9261, 34.1618, 38.9355



Tritanopia

41.8022, 34.0110, 31.9653

Trichromacy



Original Color

43.5894, 34.1272, 40.3662

Protanomaly

36.5578, 33.6615, 45.6448

Deuteranomaly

37.6288, 33.8935, 39.2092

Tritanomaly

42.5210, 34.1081, 34.9143

Monochromacy



Original Color

43.5894, 34.1272, 40.3662

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

36.9689, 34.7226, 39.4040

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5894, 34.1272, 40.3662 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(216, 133, 166)` looks like.

```
.text, #text, p{  
    color:rgb(216, 133, 166)  
}
```

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(216, 133, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 133, 166) }
```

Border

The CSS property to change the border of an element to XYZ 43.5894, 34.1272, 40.3662 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(216, 133, 166) }
```


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

```
.border{ border-color:rgb(216, 133, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 133, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 133, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 133, 166);  
box-shadow:4px 4px 4px 4px rgb(216, 133,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5894, 34.1272, 40.3662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 133, 166) }
```

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

```
.background{ background-color: rgb(216,  
133, 166) }
```

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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