

Converting Colors

XYZ(45.6874, 40.1139, 34.1049)

Have a look what the booklet for
XYZ(45.6874, 40.1139, 34.1049)
contains.

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Color

**XYZ(45.6759, 40.0649,
34.1801)**

Conversions

Conversions Part 1

Format	Color
Hex	D99A96
RGB	217, 154, 150
RGB Percent	85%, 60%, 59%
CMY	0.1490, 0.3961, 0.4118
CMYK	0.00, 0.29, 0.31, 0.15
HSL	4°, 47%, 72%
HSV	4°, 31%, 85%
XYZ	45.6759, 40.0649, 34.1801
YIQ	172.3810, 38.8320, 12.1120

Conversions

Conversions Part 2

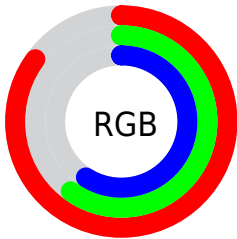
Format	Color
R _Y B	217, 154, 150
Decimal	14260886
CIE Lab	69.52, 23.04, 11.52
CIE LCh	70, 25.755, 26.559
Yxy	40.0649, 0.3809, 0.3341
Android (android.graphics.Color)	4292450966 (0xFFD99A96)
YUV	172.3810, -11.0338, 39.1309
Hunter-Lab	63.2968, 18.0387, 12.2914

Details

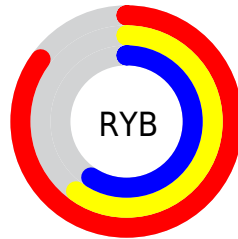
The XYZ color **45.6759, 40.0649, 34.1801** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.8956, 59.0804, 74.4724**, and the grayscale version is **39.4470, 41.5013, 45.1950**.

A 20% lighter version of the original color is **74.9395, 71.2206, 66.9239**, and **21.7014, 17.9807, 14.1312** is the 20% darker color. If you saturate the color by 10%, you get **41.0017, 33.2587, 24.7847**, and if you desaturate by 10%, it is **51.2482, 48.1491, 45.4721**.

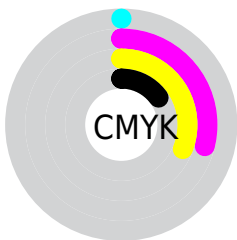
Distribution



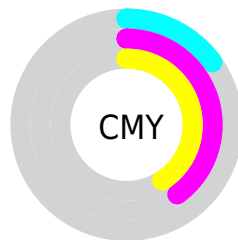
- Red (85%)
- Green (60%)
- Blue (59%)



- Red (85%)
- Yellow (60%)
- Blue (59%)



- Cyan (0%)
- Magenta (29%)
- Yellow (31%)
- Black (15%)





- Cyan (15%)
- Magenta (40%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.6759, 40.0649, 34.1801 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 45.6759, 40.0649, 34.1801 by changing the saturation by 10% instead.


 45.6759, 40.0649,
34.1801


 45.6759, 40.0649,
34.1801


360.2419,
346.3970, 335.7280

 32.1937, 27.5891,
22.7535


 82.9646, 75.2623,
67.3507

 21.6657, 18.0162,
14.2080


 107.5018, 98.7528,
89.9319

 13.7267, 10.9616,
8.1251


136.4546,
126.6836, 117.0682

 8.0113, 6.0410,
4.0862

170.1886,
159.4392, 149.1784

 4.1540, 2.8700,
1.6727

209.0689,
197.4040, 186.6810

 1.7896, 1.0643,
0.3420

253.4610,

 0.5114, 0.0000,

240.9622, 229.9944

0.0000

303.7302,
290.4985, 279.5372

■ 0.0000, 0.0000,
0.0000

■ 45.6759, 40.0649,
34.1801

■ 45.6759, 40.0649,
34.1801

■ 41.0017, 33.2587,
24.7847

■ 51.2482, 48.1491,
45.4721

■ 37.1756, 27.6597,
17.1796

■ 57.7588, 57.5658,
58.7542

■ 34.1476, 23.1990,
11.2518

■ 65.2493, 68.3736,
74.1167

■ 31.8610, 19.7986,
6.8744

■ 73.7579, 80.6257,
91.6435

■ 30.2519, 17.3704,
3.9023

■ 82.4253, 93.4918,
108.3092

■ 29.2453, 15.8125,
2.1633

■ 28.7589, 15.0388,
1.3870

Harmonies

Analogous

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



46.6169, 40.0649, 45.0105



45.6759, 40.0649, 34.1801



42.6509, 40.0649, 27.1934

Triad

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



45.6759, 40.0649, 34.1801



31.8005, 40.0649, 32.1997



37.6034, 40.0649, 70.6532

Complementary

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



45.6759, 40.0649, 34.1801



48.8956, 59.0804, 74.4724

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.



33.8489, 40.0649, 65.6154



45.6759, 40.0649, 34.1801



30.6555, 40.0649, 42.2660

Square

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



45.6759, 40.0649, 34.1801



34.6218, 40.0649, 26.2043



31.3775, 40.0649, 54.6642



41.7621, 40.0649, 67.4333

Rectangle

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



45.6759, 40.0649, 34.1801



39.9662, 40.0649, 24.9531



31.3775, 40.0649, 54.6642



36.2550, 40.0649, 69.8495

Sweetspot

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



45.6770, 40.0668, 34.1809



85.0710, 85.6059, 88.4210



51.6149, 41.4020, 68.6554



17.8872, 17.8589, 18.2677



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.



45.6770, 40.0668, 34.1809



61.3310, 51.1985, 40.2064



51.8591, 52.4311, 36.2416



13.1182, 13.1757, 13.5773



17.4347, 9.1549, 0.8482



1.1520, 0.6381, 0.0624

Inverse Universe

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



48.8956, 59.0804, 74.4724



66.6649, 82.7356, 107.0637



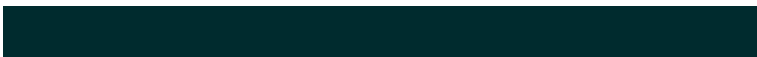
41.4540, 44.1973, 71.9919



13.3748, 14.6893, 16.7825



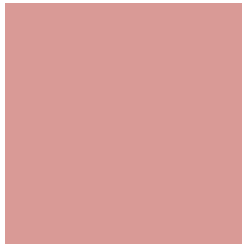
20.6853, 29.2400, 44.2921



1.3608, 1.9356, 2.8763

Previews

White Background



This preview shows how the XYZ color 45.6759, 40.0649, 34.1801 looks on a white background.

Color Contrast Check

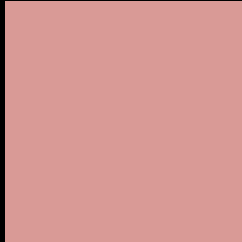
Large Text (above 18pt) WCAG AA × Fail

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 45.6759, 40.0649, 34.1801 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

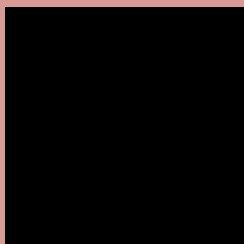
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.6759, 40.0649, 34.1801

Background



This preview shows how black text looks on a background with the XYZ color 45.6759, 40.0649, 34.1801.



This preview shows how white text looks on a background with the XYZ color 45.6759, 40.0649,

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

45.6759, 40.0649, 34.1801

Protanopia

38.4508, 40.4482, 38.1285

Deuteranopia

40.8689, 40.1584, 33.6143



Tritanopia

46.8425, 40.0422, 40.3820

Trichromacy



Original Color

45.6759, 40.0649, 34.1801

Protanomaly

40.6777, 39.9938, 36.5860

Deuteranomaly

42.3527, 39.8681, 33.8969

Tritanomaly

46.5627, 40.1911, 38.1044

Monochromacy



Original Color

45.6759, 40.0649, 34.1801

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

40.8950, 40.2820, 40.7418

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.6759, 40.0649, 34.1801 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(217, 154, 150)` looks like.

```
.text, #text, p{  
    color:rgb(217, 154, 150)  
}
```

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(217, 154, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 154, 150) }
```

Border

The CSS property to change the border of an element to XYZ 45.6759, 40.0649, 34.1801 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(217, 154, 150) }
```


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

```
.border{ border-color:rgb(217, 154, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 154, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 154, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 154, 150);  
box-shadow:4px 4px 4px 4px rgb(217, 154,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 45.6759, 40.0649, 34.1801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 154, 150) }
```

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

```
.background{ background-color: rgb(217,  
154, 150) }
```

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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