

Converting Colors

XYZ(45.8217, 37.7134, 34.1849)

Have a look what the booklet for
XYZ(45.8217, 37.7134, 34.1849)
contains.

XYZ(45.9906, 37.8689, 34.1636)	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(45.9906, 37.8689,
34.1636)**

Conversions

Conversions Part 1

Format	Color
Hex	DF9097
RGB	223, 144, 151
RGB Percent	87%, 56%, 59%
CMY	0.1255, 0.4353, 0.4078
CMYK	0.00, 0.35, 0.32, 0.13
HSL	355°, 55%, 72%
HSV	355°, 35%, 87%
XYZ	45.9906, 37.8689, 34.1636
YIQ	168.4190, 44.8370, 18.9250

Conversions

Conversions Part 2

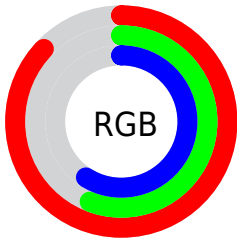
Format	Color
R _Y B	223, 144, 151
Decimal	14651543
CIE Lab	67.92, 30.80, 8.79
CIE LCh	68, 32.026, 15.935
Yxy	37.8689, 0.3897, 0.3209
Android (android.graphics.Color)	4292841623 (0xFFDF9097)
YUV	168.4190, -8.5876, 47.8675
Hunter-Lab	61.5377, 25.7121, 10.1607

Details

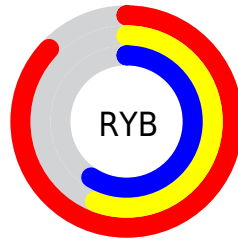
The XYZ color **45.9906, 37.8689, 34.1636** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.2857, 63.6634, 74.6071**, and the grayscale version is **37.4518, 39.4023, 42.9091**.

A 20% lighter version of the original color is **72.6829, 66.5146, 66.7654**, and **21.8533, 16.6814, 14.1246** is the 20% darker color. If you saturate the color by 10%, you get **41.4297, 31.1649, 25.1895**, and if you desaturate by 10%, it is **51.5052, 46.0246, 44.8604**.

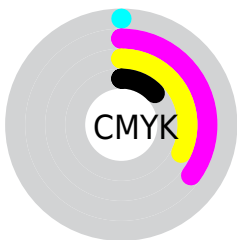
Distribution



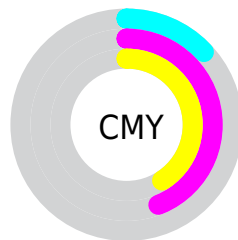
- Red (87%)
- Green (56%)
- Blue (59%)



- Red (87%)
- Yellow (56%)
- Blue (59%)



- Cyan (0%)
- Magenta (35%)
- Yellow (32%)
- Black (13%)





- Cyan (13%)
- Magenta (44%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.9906, 37.8689, 34.1636 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 45.9906, 37.8689, 34.1636 by changing the saturation by 10% instead.


 45.9906, 37.8689,
34.1636


 45.9906, 37.8689,
34.1636


361.4874,
337.0573, 335.6523

 32.4430, 25.8810,
22.7409


 83.4329, 71.9072,
67.3248

 21.8573, 16.7346,
14.1988


 108.0583, 94.7262,
89.9004

 13.8681, 10.0455,
8.1188


137.1070,
121.9245, 117.0308

 8.1101, 5.4291,
4.0822

170.9443,
153.8863, 149.1344

 4.2179, 2.5012,
1.6705

209.9357,
190.9961, 186.6298

 1.8261, 0.8772,
0.3404

254.4464,

 0.5333, 0.0000,

233.6383, 229.9356

0.0000

304.8419,
282.1972, 279.4702

■ 0.0000, 0.0000,
0.0000

■ 45.9906, 37.8689,
34.1636

■ 45.9906, 37.8689,
34.1636

■ 41.4297, 31.1649,
25.1895

■ 51.5052, 46.0246,
44.8604

■ 37.7654, 25.8222,
17.8458

■ 58.0203, 55.7043,
57.3610

■ 34.9393, 21.7492,
12.0350

■ 65.5831, 66.9822,
71.7444

■ 32.8845, 18.8404,
7.6481

■ 74.2372, 79.9259,
88.0838

■ 31.5240, 16.9734,
4.5620

■ 83.8618, 94.2761,
106.3949

■ 30.7646, 15.9985,
2.6321

■ 84.2414, 94.4280,
108.3942

■ 30.5555, 15.7376,
2.0773

Harmonies

Analogous

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



46.0857, 37.8689, 48.2509



45.9906, 37.8689, 34.1636



43.0597, 37.8689, 24.5227

Triad

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



45.9906, 37.8689, 34.1636



29.5517, 37.8689, 24.9722



33.7196, 37.8689, 73.9009

Complementary

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



45.9906, 37.8689, 34.1636



50.2857, 63.6634, 74.6071

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.



29.7456, 37.8689, 64.2005



45.9906, 37.8689, 34.1636



27.4935, 37.8689, 34.9305

Square

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



45.9906, 37.8689, 34.1636



33.4319, 37.8689, 20.1116



27.5611, 37.8689, 49.2155



38.6822, 37.8689, 73.5602

Rectangle

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



45.9906, 37.8689, 34.1636



40.0340, 37.8689, 20.9456



27.5611, 37.8689, 49.2155



32.2340, 37.8689, 71.6245

Sweetspot

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



45.9916, 37.8707, 34.1643



82.8989, 81.8522, 85.8766



51.3474, 39.7384, 74.7761



17.4499, 17.0817, 17.8215



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.



45.9916, 37.8707, 34.1643



57.3404, 43.9865, 36.5047



50.9137, 48.5972, 33.0847



13.7563, 13.7201, 14.4867



17.9836, 9.2604, 1.3135



1.2638, 0.6488, 0.1818

Inverse Universe

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



45.9916, 37.8707, 34.1643



57.3404, 43.9865, 36.5047



43.5406, 48.6949, 76.9163



13.7563, 13.7201, 14.4867



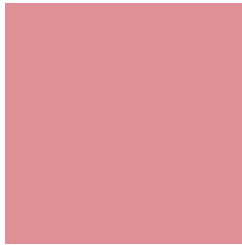
17.9836, 9.2604, 1.3135



1.2638, 0.6488, 0.1818

Previews

White Background



This preview shows how the XYZ color 45.9906, 37.8689, 34.1636 looks on a white background.

Color Contrast Check

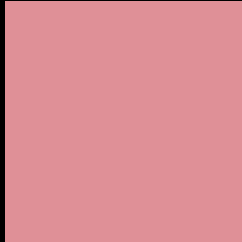
Large Text (above 18pt) WCAG AA × Fail

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 45.9906, 37.8689, 34.1636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

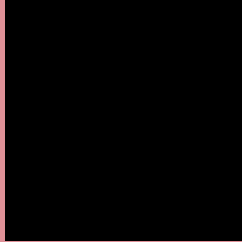
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.9906, 37.8689, 34.1636

Background



This preview shows how black text looks on a background with the XYZ color 45.9906, 37.8689, 34.1636.



This preview shows how white text looks on a background with the XYZ color 45.9906, 37.8689,

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

45.9906, 37.8689, 34.1636

Protanopia

36.6436, 38.1007, 40.0732

Deuteranopia

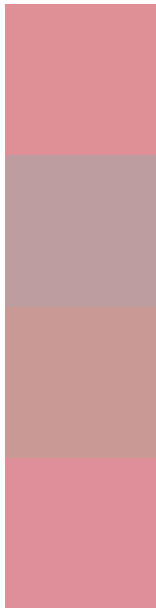
38.6551, 37.9711, 33.3088



Tritanopia

46.0866, 37.6660, 35.4131

Trichromacy



Original Color

45.9906, 37.8689, 34.1636

Protanomaly

39.3012, 37.4360, 37.9554

Deuteranomaly

41.0678, 37.6986, 33.5458

Tritanomaly

46.0037, 37.6328, 34.9762

Monochromacy



Original Color

45.9906, 37.8689, 34.1636

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

39.6588, 38.0963, 39.4455

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.9906, 37.8689, 34.1636 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(223, 144, 151)` looks like.

```
.text, #text, p{  
    color:rgb(223, 144, 151)  
}
```

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(223, 144, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 144, 151) }
```

Border

The CSS property to change the border of an element to XYZ 45.9906, 37.8689, 34.1636 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(223, 144, 151) }
```


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

```
.border{ border-color:rgb(223, 144, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 144, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 144, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 144, 151);  
box-shadow:4px 4px 4px 4px rgb(223, 144,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 45.9906, 37.8689, 34.1636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 144, 151) }
```

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

```
.background{ background-color: rgb(223,  
144, 151) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor