

Converting Colors

XYZ(46.8260, 39.9697, 34.6107)

Have a look what the booklet for
XYZ(46.8260, 39.9697, 34.6107)
contains.

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Color

**XYZ(46.7767, 39.8972,
34.5137)**

Conversions

Conversions Part 1

Format	Color
Hex	DE9797
RGB	222, 151, 151
RGB Percent	87%, 59%, 59%
CMY	0.1294, 0.4078, 0.4078
CMYK	0.00, 0.32, 0.32, 0.13
HSL	0°, 52%, 73%
HSV	0°, 32%, 87%
XYZ	46.7767, 39.8972, 34.5137
YIQ	172.2290, 42.3160, 15.0520

Conversions

Conversions Part 2

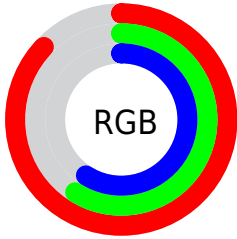
Format	Color
R _Y B	222, 151, 151
Decimal	14587799
CIE Lab	69.40, 26.67, 10.87
CIE LCh	69, 28.803, 22.169
Yxy	39.8972, 0.3860, 0.3292
Android (android.graphics.Color)	4292777879 (0xFFDE9797)
YUV	172.2290, -10.4659, 43.6492
Hunter-Lab	63.1642, 21.6520, 11.8182

Details

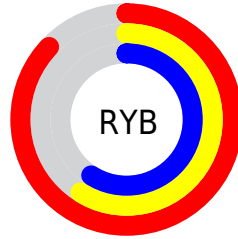
The XYZ color **46.7767, 39.8972, 34.5137** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.0675, 64.0934, 78.7342**, and the grayscale version is **39.3659, 41.4160, 45.1021**.

A 20% lighter version of the original color is **74.3308, 69.8104, 67.3147**, and **22.2791, 17.8431, 14.3264** is the 20% darker color. If you saturate the color by 10%, you get **41.8983, 32.7591, 24.8145**, and if you desaturate by 10%, it is **52.6693, 48.5201, 46.2266**.

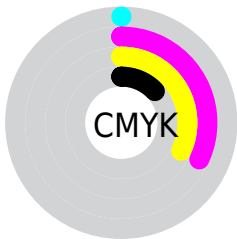
Distribution



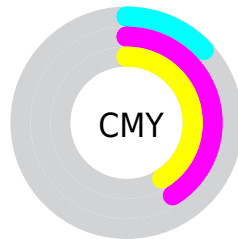
- Red (87%)
- Green (59%)
- Blue (59%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.7767, 39.8972, 34.5137 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 46.7767, 39.8972, 34.5137 by changing the saturation by 10% instead.


 46.7767, 39.8972,
34.5137


 46.7767, 39.8972,
34.5137


364.5863,
345.6901, 337.2554

 33.0664, 27.4584,
23.0080


 84.6010, 75.0069,
67.8747

 22.3368, 17.9178,
14.3940


 109.4456, 98.4467,
90.5671

 14.2226, 10.8910,
8.2534

138.7325,
126.3222, 117.8254

 8.3584, 5.9936,
4.1674

172.8268,
159.0179, 150.0683

 4.3788, 2.8412,
1.7176

212.0940,
196.9181, 187.7141

 1.9186, 1.0494,
0.3728

256.8994,

 0.5876, 0.0000,

240.4073, 231.1816

0.0000

307.6084,
289.8698, 280.8892

0.0000, 0.0000,
0.0000

46.7767, 39.8972,
34.5137

46.7767, 39.8972,
34.5137

41.8983, 32.7591,
24.8145

52.6693, 48.5201,
46.2266

37.9741, 27.0168,
17.0135

59.6255, 58.6989,
60.0553

34.9425, 22.5805,
10.9869

67.6951, 70.5070,
76.0977

32.7334, 19.3479,
6.5957

76.9241, 84.0115,
94.4448

31.2665, 17.2013,
3.6798

83.9342, 94.2696,
108.3798

■ 30.4451, 15.9992,
2.0473

■ 30.1244, 15.5299,
1.4098

Harmonies

Analogous

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



47.4413, 39.8972, 47.0081



46.7767, 39.8972, 34.5137



43.6471, 39.8972, 26.2561

Triad

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



46.7767, 39.8972, 34.5137



31.3157, 39.8972, 29.6059



36.7212, 39.8972, 73.9088

Complementary

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



46.7767, 39.8972, 34.5137



52.0675, 64.0934, 78.7342

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.



32.7191, 39.8972, 66.8489



46.7767, 39.8972, 34.5137



29.7682, 39.8972, 40.0596

Square

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



46.7767, 39.8972, 34.5137



34.6602, 39.8972, 23.8505



30.2602, 39.8972, 53.7891



41.3804, 39.8972, 71.5863

Rectangle

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



46.7767, 39.8972, 34.5137



40.7127, 39.8972, 23.4106



30.2602, 39.8972, 53.7891



35.2601, 39.8972, 72.5113

Sweetspot

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



46.7778, 39.8991, 34.5145



83.6111, 83.2618, 86.1596



54.3758, 42.9371, 74.5290



17.5792, 17.3576, 17.8115



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.



46.7778, 39.8991, 34.5145



59.6652, 48.2221, 38.5560



53.3748, 53.0931, 36.7135



13.7074, 13.7007, 14.2288



17.8933, 9.2245, 0.8374



1.2403, 0.6394, 0.0581

Inverse Universe

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



52.0675, 64.0934, 78.7342



67.9282, 86.0151, 107.6301



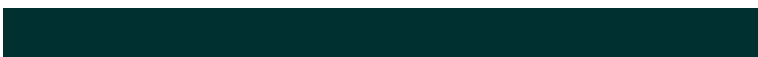
43.6121, 47.1825, 75.9158



14.1166, 15.5722, 17.6494



23.3448, 34.1591, 46.4113



1.6182, 2.3678, 3.2170

Previews

White Background



This preview shows how the XYZ color 46.7767, 39.8972, 34.5137 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 46.7767, 39.8972, 34.5137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

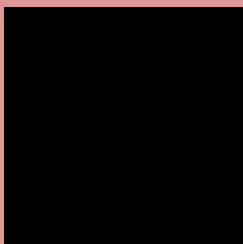
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.7767, 39.8972, 34.5137

Background



This preview shows how black text looks on a background with the XYZ color 46.7767, 39.8972, 34.5137.



This preview shows how white text looks on a background with the XYZ color 46.7767, 39.8972,

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

46.7767, 39.8972, 34.5137

Protanopia

38.3002, 40.0631, 39.4325

Deuteranopia

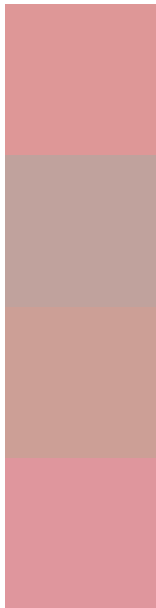
40.9484, 40.1902, 34.0330



Tritanopia

47.6119, 39.7561, 38.8825

Trichromacy



Original Color

46.7767, 39.8972, 34.5137

Protanomaly

40.7444, 39.4814, 37.3715

Deuteranomaly

42.8050, 39.8357, 34.2871

Tritanomaly

47.4236, 39.9350, 37.1070

Monochromacy



Original Color

46.7767, 39.8972, 34.5137

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

41.2115, 40.1784, 40.7051

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.7767, 39.8972, 34.5137 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(222, 151, 151)` looks like.

```
.text, #text, p{  
    color:rgb(222, 151, 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(222, 151, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 151, 151) }
```

Border

The CSS property to change the border of an element to XYZ 46.7767, 39.8972, 34.5137 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(222, 151, 151) }
```


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

```
.border{ border-color:rgb(222, 151, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 151, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 151, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 151, 151);  
box-shadow:4px 4px 4px 4px rgb(222, 151,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 46.7767, 39.8972, 34.5137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 151, 151) }
```

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

```
.background{ background-color: rgb(222,  
151, 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](#).

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