

Converting Colors

XYZ(46.1777, 37.0960, 34.1385)

Have a look what the booklet for
XYZ(46.1777, 37.0960, 34.1385)
contains.

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Color

**XYZ(46.0153, 36.9981,
33.9942)**

Conversions

Conversions Part 1

Format	Color
Hex	E18C97
RGB	225, 140, 151
RGB Percent	88%, 55%, 59%
CMY	0.1176, 0.4510, 0.4078
CMYK	0.00, 0.38, 0.33, 0.12
HSL	352°, 59%, 72%
HSV	352°, 38%, 88%
XYZ	46.0153, 36.9981, 33.9942
YIQ	166.6690, 47.1290, 21.4410

Conversions

Conversions Part 2

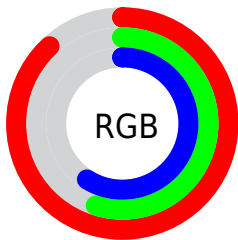
Format	Color
R _Y B	225, 140, 151
Decimal	14781591
CIE Lab	67.28, 33.66, 7.90
CIE LCh	67, 34.575, 13.208
Yxy	36.9981, 0.3933, 0.3162
Android (android.graphics.Color)	4292971671 (0xFFE18C97)
YUV	166.6690, -7.7248, 51.1563
Hunter-Lab	60.8261, 28.5908, 9.4425

Details

The XYZ color **46.0153, 36.9981, 33.9942** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **49.8797, 64.2817, 73.4005**, and the grayscale version is **36.5909, 38.4964, 41.9226**.

A 20% lighter version of the original color is **71.7746, 64.6980, 66.4626**, and **21.7263, 16.1150, 14.0220** is the 20% darker color. If you saturate the color by 10%, you get **41.5964, 30.4983, 25.3136**, and if you desaturate by 10%, it is **51.3727, 44.9516, 44.2925**.

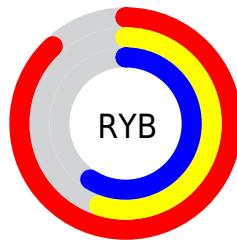
Distribution



Red (88%)

Green (55%)

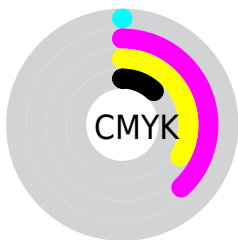
Blue (59%)



Red (88%)

Yellow (55%)

Blue (59%)

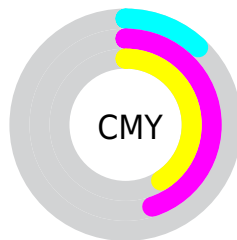


Cyan (0%)

Magenta (38%)

Yellow (33%)

Black (12%)



Cyan (12%)


Magenta (45%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.0153, 36.9981, 33.9942 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 46.0153, 36.9981, 33.9942 by changing the saturation by 10% instead.


 46.0153, 36.9981,
33.9942


 46.0153, 36.9981,
33.9942


361.5851,
333.3023, 334.8746


 32.4626, 25.2060,
22.6118


 83.4696, 70.5699,
67.0584

 21.8723, 16.2306,
14.1045


 108.1019, 93.1183,
89.5774

 13.8792, 9.6875,
8.0538


 137.1581,
120.0211, 116.6456

 8.1178, 5.1922,
4.0411

171.0036,
151.6624, 148.6816

 4.2229, 2.3605,
1.6479

210.0036,
188.4268, 186.1040

 1.8290, 0.8055,
0.3247

254.5237,

 0.5350, 0.0000,

230.6987, 229.3312

0.0000

304.9290,
278.8624, 278.7819

0.0000, 0.0000,
0.0000

46.0153, 36.9981,
33.9942

46.0153, 36.9981,
33.9942

41.5964, 30.4983,
25.3136

51.3727, 44.9516,
44.2925

38.0588, 25.3590,
18.1662

57.7155, 54.4336,
56.2831

35.3435, 21.4848,
12.4628

65.0911, 65.5205,
70.0381

33.3830, 18.7656,
8.1041

73.5428, 78.2818,
85.6252

32.0988, 17.0724,
4.9782

83.1116, 92.7830,
103.1084

■ 31.3867, 16.2286,
2.9514

■ 84.8613, 94.7475,
108.4232

■ 31.2744, 16.0968,
2.6279

Harmonies

Analogous

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



45.8188, 36.9981, 49.2908



46.0153, 36.9981, 33.9942



43.1044, 36.9981, 23.4640

Triad

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



46.0153, 36.9981, 33.9942



28.6570, 36.9981, 22.5778



32.3108, 36.9981, 75.0632

Complementary

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



46.0153, 36.9981, 33.9942



49.8797, 64.2817, 73.4005

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.



28.2668, 36.9981, 63.6754



46.0153, 36.9981, 33.9942



26.3066, 36.9981, 32.4483

Square

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



46.0153, 36.9981, 33.9942



32.8945, 36.9981, 18.0751



26.1713, 36.9981, 47.3068



37.5389, 36.9981, 75.7788

Rectangle

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



46.0153, 36.9981, 33.9942



39.9478, 36.9981, 19.4903



26.1713, 36.9981, 47.3068



30.7811, 36.9981, 72.2475

Sweetspot

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



46.0163, 36.9999, 33.9949



83.0597, 81.9166, 86.7233



50.6042, 38.4404, 75.9867



17.4878, 17.0968, 18.0215



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.



46.0163, 36.9999, 33.9949



56.5790, 42.4590, 36.2651



50.3805, 47.0915, 31.2475



13.7790, 13.7292, 14.6066



18.0455, 9.2852, 1.6392



1.2746, 0.6531, 0.2389

Inverse Universe

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



46.0163, 36.9999, 33.9949



56.5790, 42.4590, 36.2651



43.6621, 49.5226, 78.4917



13.7790, 13.7292, 14.6066



18.0455, 9.2852, 1.6392



1.2746, 0.6531, 0.2389

Previews

White Background



This preview shows how the XYZ color 46.0153, 36.9981, 33.9942 looks on a white background.

Color Contrast Check

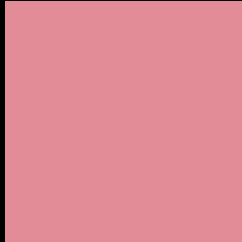
Large Text (above 18pt) WCAG AA × Fail

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 46.0153, 36.9981, 33.9942 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

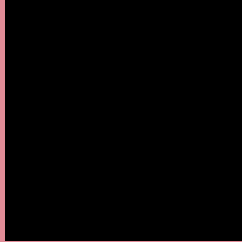
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.0153, 36.9981, 33.9942

Background



This preview shows how black text looks on a background with the XYZ color 46.0153, 36.9981, 33.9942.



This preview shows how white text looks on a background with the XYZ color 46.0153, 36.9981,

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

46.0153, 36.9981, 33.9942

Protanopia

35.7344, 37.0902, 40.3977

Deuteranopia

37.8219, 37.0309, 33.1712



Tritanopia

46.0153, 36.9981, 33.9942

Trichromacy



Original Color

46.0153, 36.9981, 33.9942

Protanomaly

38.7184, 36.6373, 37.8319

Deuteranomaly

40.3108, 36.5825, 33.3703

Tritanomaly

46.0153, 36.9981, 33.9942

Monochromacy



Original Color

46.0153, 36.9981, 33.9942

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

39.2290, 37.3785, 38.8654

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.0153, 36.9981, 33.9942 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(225, 140, 151)` looks like.

```
.text, #text, p{  
    color:rgb(225, 140, 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(225, 140, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 140, 151) }
```

Border

The CSS property to change the border of an element to XYZ 46.0153, 36.9981, 33.9942 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(225, 140, 151) }
```


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

```
.border{ border-color:rgb(225, 140, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 140, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 140, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 140, 151);  
box-shadow:4px 4px 4px 4px rgb(225, 140,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 46.0153, 36.9981, 33.9942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 140, 151) }
```

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

```
.background{ background-color: rgb(225,  
140, 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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