

Converting Colors

XYZ(37.4818, 39.2379, 45.1333)

Have a look what the booklet for
XYZ(37.4818, 39.2379, 45.1333)
contains.

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Color

**XYZ(37.4818, 39.2379,
45.1333)**

Conversions

Conversions Part 1

Format	Color
Hex	A7A8AD
RGB	167, 168, 173
RGB Percent	65%, 66%, 68%
CMY	0.3451, 0.3412, 0.3216
CMYK	0.03, 0.03, 0.00, 0.32
HSL	230°, 4%, 67%
HSV	230°, 3%, 68%
XYZ	37.4818, 39.2379, 45.1333
YIQ	168.2710, -2.2010, 1.3430

Conversions

Conversions Part 2

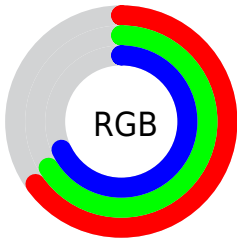
Format	Color
R _{YB}	167, 168, 173
Decimal	10987693
CIE Lab	68.92, 0.61, -2.70
CIE LCh	69, 2.771, 282.757
Yxy	39.2379, 0.3076, 0.3220
Android (android.graphics.Color)	4289177773 (0xFFA7A8AD)
YUV	168.2710, 2.3314, -1.1147
Hunter-Lab	62.6402, -2.8118, 1.1287

Details

The XYZ color **37.4818, 39.2379, 45.1333** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.9612, 41.1788, 42.4546**, and the grayscale version is **37.3432, 39.2879, 42.7846**.

A 20% lighter version of the original color is **70.5155, 73.9064, 83.9476**, and **16.7668, 17.5161, 20.5864** is the 20% darker color. If you saturate the color by 10%, you get **31.5547, 32.4509, 44.1363**, and if you desaturate by 10%, it is **44.1949, 46.8699, 46.2532**.

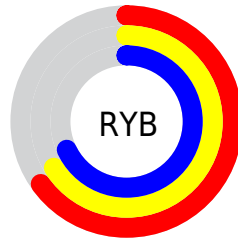
Distribution



Red (65%)

Green (66%)

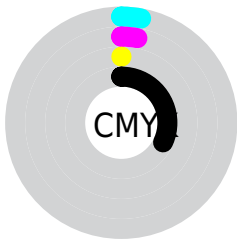
Blue (68%)



Red (65%)

Yellow (66%)

Blue (68%)

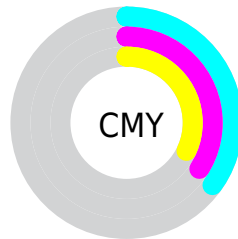


Cyan (3%)

Magenta (3%)

Yellow (0%)

Black (32%)



Cyan (35%)

Magenta (34%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.4818, 39.2379, 45.1333 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 37.4818, 39.2379, 45.1333 by changing the saturation by 10% instead.

■ 37.4818, 39.2379,
45.1333

■ 37.4818, 39.2379,
45.1333

326.7112,
342.9009, 383.4890

■ 25.7561, 26.9448,
31.2187

■ 70.6222, 74.0016,
84.2410

■ 16.7730, 17.5318,
20.5056

■ 92.7677, 97.2411,
110.2712

■ 10.1671, 10.6144,
12.5754

119.1171,
124.8981, 141.1769

■ 5.5730, 5.8082,
7.0095

150.0358,
157.3571, 177.3769

■ 2.6254, 2.7288,
3.3895

185.8893,
195.0025, 219.2895

■ 0.9589, 0.9918,
1.2968

227.0427,

■ 0.0000, 0.0000,

238.2187, 267.3334

0.0592

273.8616,
287.3900, 321.9271

■ 0.0000, 0.0000,
0.0000

■ 37.4818, 39.2379,
45.1333

■ 37.4818, 39.2379,
45.1333

■ 31.5547, 32.4509,
44.1363

■ 44.1949, 46.8699,
46.2532

■ 26.3813, 26.4747,
43.2554

■ 51.7179, 55.3694,
47.4973

■ 21.9321, 21.2802,
42.4873

■ 60.0780, 64.7644,
48.8701

■ 18.1745, 16.8348,
41.8273

■ 69.2999, 75.0803,
50.3752

■ 15.0731, 13.1034,
41.2705

■ 79.4074, 86.3412,
52.0160

■ 12.5894, 10.0481,
40.8117

■ 84.3690, 95.4494,
53.5126

■ 10.6810, 7.6274,
40.4450

■ 84.5429, 95.7972,
53.5705

■ 9.2996, 5.7949,
40.1641

■ 8.3886, 4.4978,
39.9617

Harmonies

Analogous

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



37.0439, 39.2379, 45.0823



37.4818, 39.2379, 45.1333



37.8725, 39.2379, 44.5294

Triad

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



37.4818, 39.2379, 45.1333



37.9198, 39.2379, 41.0976



36.4913, 39.2379, 42.0084

Complementary

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



37.4818, 39.2379, 45.1333



38.9612, 41.1788, 42.4546

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.



36.7224, 39.2379, 40.9669



37.4818, 39.2379, 45.1333



37.5461, 39.2379, 40.4482

Square

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



37.4818, 39.2379, 45.1333



38.1267, 39.2379, 42.1900



37.1077, 39.2379, 40.4009



36.4744, 39.2379, 43.2613

Rectangle

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



37.4818, 39.2379, 45.1333



38.0526, 39.2379, 43.8435



37.1077, 39.2379, 40.4009



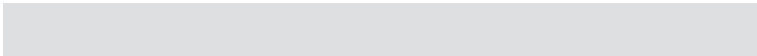
36.5464, 39.2379, 41.6225

Sweetspot

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



37.4829, 39.2396, 45.1342



69.9434, 73.4829, 81.3030



38.3173, 41.0779, 44.8893



15.2146, 15.9858, 17.6714



82.5889, 86.8899, 94.6231



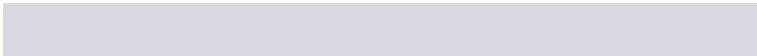
15.4596, 16.2647, 17.7123

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



37.4829, 39.2396, 45.1342



66.4512, 69.5016, 80.7186



37.7029, 39.0791, 45.0916



8.3197, 8.6937, 10.1923



5.8921, 2.9182, 29.2972



0.1958, 0.1449, 0.8256

Inverse Universe

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



38.1210, 39.3495, 42.6338



67.7877, 69.7342, 75.4813



38.7356, 41.3469, 42.4990



8.5122, 8.7275, 9.4377



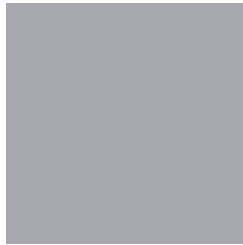
12.8377, 6.5976, 1.5250



0.3732, 0.1900, 0.1272

Previews

White Background



This preview shows how the XYZ color 37.4818, 39.2379, 45.1333 looks on a white background.

Color Contrast Check

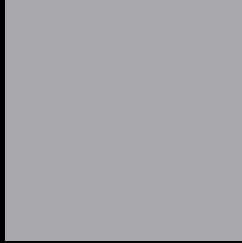
Large Text (above 18pt) WCAG AA × Fail

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 37.4818, 39.2379, 45.1333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

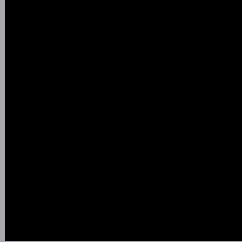
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.4818, 39.2379, 45.1333

Background



This preview shows how black text looks on a background with the XYZ color 37.4818, 39.2379, 45.1333.



This preview shows how white text looks on a background with the XYZ color 37.4818, 39.2379,

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

37.4818, 39.2379, 45.1333

Protanopia

37.9391, 39.2006, 45.1020

Deuteranopia

40.0286, 39.1955, 45.5001



Tritanopia

38.2054, 39.2576, 48.7438

Trichromacy



Original Color

37.4818, 39.2379, 45.1333

Protanomaly

37.7237, 39.0896, 45.0920

Deuteranomaly

39.2266, 39.3134, 45.5652

Tritanomaly

37.9030, 39.1366, 47.1514

Monochromacy



Original Color

37.4818, 39.2379, 45.1333

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.4068, 39.2324, 43.6313

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.4818, 39.2379, 45.1333 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(167, 168, 173)` looks like.

```
.text, #text, p{  
    color:rgb(167, 168, 173)  
}
```

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(167, 168, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 168, 173) }
```

Border

The CSS property to change the border of an element to XYZ 37.4818, 39.2379, 45.1333 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(167, 168, 173) }
```


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

```
.border{ border-color:rgb(167, 168, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 168, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 168, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 168, 173);  
box-shadow:4px 4px 4px 4px rgb(167, 168,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 37.4818, 39.2379, 45.1333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 168, 173) }
```

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

```
.background{ background-color: rgb(167,  
168, 173) }
```

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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