

Converting Colors

XYZ(37.5183, 39.9205, 45.3272)

Have a look what the booklet for
XYZ(37.5183, 39.9205, 45.3272)
contains.

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Color

**XYZ(37.4346, 39.7659,
45.2377)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | A5AAAD |
| RGB | 165, 170, 173 |
| RGB Percent | 65%, 67%, 68% |
| CMY | 0.3529, 0.3333, 0.3216 |
| CMYK | 0.05, 0.02, 0.00, 0.32 |
| HSL | 202°, 5%, 66% |
| HSV | 202°, 5%, 68% |
| XYZ | 37.4346, 39.7659, 45.2377 |
| YIQ | 168.8470, -3.9430, -0.1270 |

Conversions

Conversions Part 2

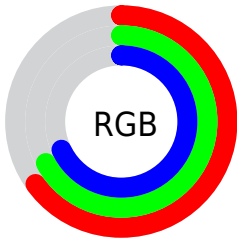
| Format | Color |
|-------------------------------------|---|
| RYB | 165, 168, 173 |
| Decimal | 10857133 |
| CIELab | 69.30, -1.18, -2.16 |
| CIELCh | 69, 2.463, 241.465 |
| Yxy | 39.7659, 0.3057, 0.3248 |
| Android (android.graphics.Color) | 4289047213 (0xFFA5AAAD) |
| YUV | 168.8470, 2.0474, -3.3738 |
| Hunter-Lab | 63.0602, -4.3919, 1.6091 |

Details

The XYZ color **37.4346, 39.7659, 45.2377** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.0278, 39.6058, 41.2384**, and the grayscale version is **37.6290, 39.5886, 43.1120**.

A 20% lighter version of the original color is **70.4440, 74.6675, 84.0983**, and **16.7397, 17.8481, 20.6519** is the 20% darker color. If you saturate the color by 10%, you get **32.8918, 35.6655, 44.6863**, and if you desaturate by 10%, it is **42.5263, 44.2404, 45.8336**.

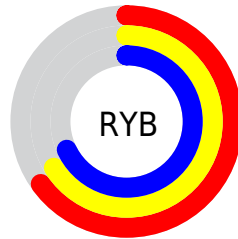
Distribution



Red (65%)

Green (67%)

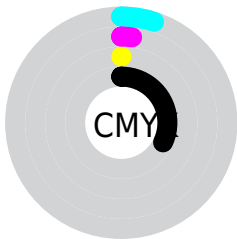
Blue (68%)



Red (65%)

Yellow (66%)

Blue (68%)

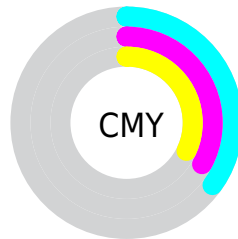


Cyan (5%)

Magenta (2%)

Yellow (0%)

Black (32%)



Cyan (35%)

Magenta (33%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.4346, 39.7659, 45.2377 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 37.4346, 39.7659, 45.2377 by changing the saturation by 10% instead.

■ 37.4346, 39.7659,
45.2377

■ 37.4346, 39.7659,
45.2377

326.5112,
345.1359, 383.9236

■ 25.7194, 27.3561,
31.3004

■ 70.5502, 74.8069,
84.3992

■ 16.7454, 17.8408,
20.5673

■ 92.6813, 98.2069,
110.4605

■ 10.1473, 10.8358,
12.6199

119.0150,
126.0390, 141.4002

■ 5.5598, 5.9565,
7.0397

149.9168,
158.6877, 177.6368

■ 2.6174, 2.8187,
3.4081

185.7520,
196.5373, 219.5889

■ 0.9548, 1.0378,
1.3066

226.8859,

■ 0.0000, 0.0000,

239.9723, 267.6751

0.0672

273.6838,
289.3770, 322.3138

■ 0.0000, 0.0000,
0.0000

■ 37.4346, 39.7659,
45.2377

■ 37.4346, 39.7659,
45.2377

■ 32.8918, 35.6655,
44.6863

■ 42.5263, 44.2404,
45.8336

■ 28.8744, 31.9225,
44.1756

■ 48.1828, 49.0952,
46.4725

■ 25.3618, 28.5262,
43.7051

■ 54.4233, 54.3424,
47.1565

■ 22.3309, 25.4632,
43.2737

■ 61.2652, 59.9922,
47.8864

■ 19.7566, 22.7193,
42.8797

■ 68.7250, 66.0544,
48.6633

■ 17.6114, 20.2790,
42.5217

■ 71.5573, 69.8259,
49.2420

■ 15.8646, 18.1248,
42.1980

■ 73.1790, 73.0694,
49.7826

■ 14.4807, 16.2373,
41.9066

■ 74.8662, 76.4437,
50.3450

■ 13.4171, 14.5927,
41.6453

■ 76.6195, 79.9504,
50.9294

Harmonies

Analogous

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



37.1521, 39.7659, 44.4438



37.4346, 39.7659, 45.2377



37.8157, 39.7659, 45.5096

Triad

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



37.4346, 39.7659, 45.2377



38.5607, 39.7659, 43.2427



37.4012, 39.7659, 41.4692

Complementary

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



37.4346, 39.7659, 45.2377



38.0278, 39.6058, 41.2384

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.



37.7769, 39.7659, 41.1598



37.4346, 39.7659, 45.2377



38.4479, 39.7659, 42.1727

Square

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



37.4346, 39.7659, 45.2377



38.4675, 39.7659, 44.3458



38.1603, 39.7659, 41.4151



37.1329, 39.7659, 42.2674

Rectangle

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



37.4346, 39.7659, 45.2377



38.0749, 39.7659, 45.3545



38.1603, 39.7659, 41.4151



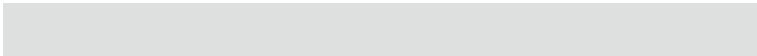
37.5190, 39.7659, 41.3052

Sweetspot

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



37.4357, 39.7676, 45.2386



70.2182, 74.0325, 81.3946



37.5229, 40.7118, 42.8943



15.2710, 16.0987, 17.6902



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.



37.4357, 39.7676, 45.2386



65.7789, 70.0918, 80.8679



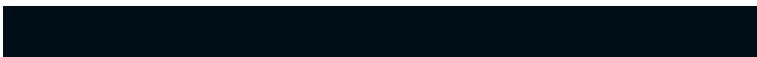
36.7089, 38.3138, 44.9963



8.2734, 8.8233, 10.2197



9.5514, 10.2367, 30.5170



0.3160, 0.3853, 0.8657

Inverse Universe

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



37.9453, 38.6976, 43.5016



66.9760, 67.6012, 76.7819



38.7655, 41.0811, 41.4843



8.4346, 8.4888, 9.6692



14.6848, 7.3364, 11.2513



0.4339, 0.2142, 0.4466

Previews

White Background



This preview shows how the XYZ color 37.4346, 39.7659, 45.2377 looks on a white background.

Color Contrast Check

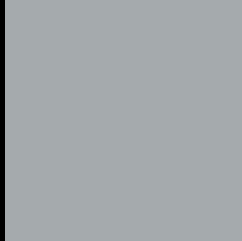
Large Text (above 18pt) WCAG AA × Fail

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 37.4346, 39.7659, 45.2377 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

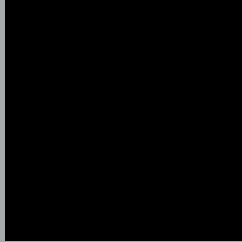
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

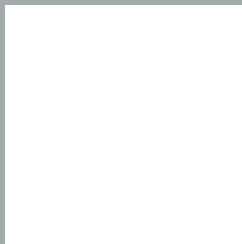
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.4346, 39.7659, 45.2377

Background



This preview shows how black text looks on a background with the XYZ color 37.4346, 39.7659, 45.2377.



This preview shows how white text looks on a background with the XYZ color 37.4346, 39.7659,

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

37.4346, 39.7659, 45.2377

Protanopia

38.2436, 39.6417, 44.6657

Deuteranopia

40.4439, 39.6742, 45.5707



Tritanopia

38.3573, 39.8603, 49.9281

Trichromacy



Original Color

37.4346, 39.7659, 45.2377

Protanomaly

37.9965, 39.7895, 44.7072

Deuteranomaly

39.1807, 39.5585, 45.6149

Tritanomaly

38.0505, 39.7376, 48.3125

Monochromacy



Original Color

37.4346, 39.7659, 45.2377

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

37.5921, 39.6030, 43.6930

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.4346, 39.7659, 45.2377 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(165, 170, 173)` looks like.

```
.text, #text, p{  
    color:rgb(165, 170, 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(165, 170, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 170, 173) }
```

Border

The CSS property to change the border of an element to XYZ 37.4346, 39.7659, 45.2377 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(165, 170, 173) }
```


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

```
.border{ border-color:rgb(165, 170, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 170, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 170, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 170, 173);  
box-shadow:4px 4px 4px 4px rgb(165, 170,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 37.4346, 39.7659, 45.2377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 170, 173) }
```

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

```
.background{ background-color: rgb(165,  
170, 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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