

Converting Colors

XYZ(37.9339, 35.9441, 50.8375)

Have a look what the booklet for
XYZ(37.9339, 35.9441, 50.8375)
contains.

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Color

**XYZ(37.9339, 35.9441,
50.8375)**

Conversions

Conversions Part 1

Format	Color
Hex	AE9BB9
RGB	174, 155, 185
RGB Percent	68%, 61%, 73%
CMY	0.3176, 0.3921, 0.2745
CMYK	0.06, 0.16, 0.00, 0.27
HSL	278°, 18%, 67%
HSV	278°, 16%, 73%
XYZ	37.9339, 35.9441, 50.8375
YIQ	164.1010, 1.6940, 13.3580

Conversions

Conversions Part 2

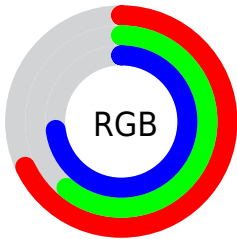
Format	Color
RYB	174, 155, 185
Decimal	11443129
CIELab	66.48, 12.62, -12.95
CIELCh	66, 18.088, 314.258
Yxy	35.9441, 0.3042, 0.2882
Android (android.graphics.Color)	4289633209 (0xFFAE9BB9)
YUV	164.1010, 10.3032, 8.6814
Hunter-Lab	59.9534, 8.0226, -8.3076

Details

The XYZ color **37.9339, 35.9441, 50.8375** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **38.9924, 45.1723, 37.6760**, and the grayscale version is **35.2875, 37.1252, 40.4293**.

A 20% lighter version of the original color is **71.3108, 68.7748, 92.7355**, and **17.0003, 15.6315, 23.9510** is the 20% darker color. If you saturate the color by 10%, you get **33.6148, 29.4926, 49.8204**, and if you desaturate by 10%, it is **42.8032, 43.3814, 52.0169**.

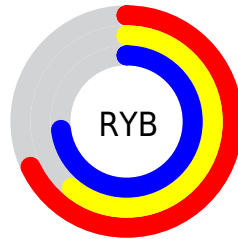
Distribution



Red (68%)

Green (61%)

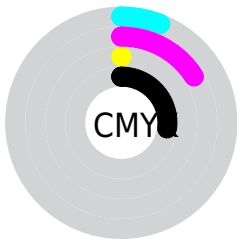
Blue (73%)



Red (68%)

Yellow (61%)

Blue (73%)

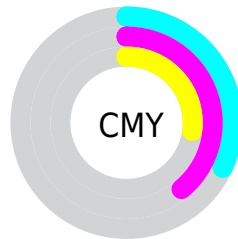


Cyan (6%)

Magenta (16%)

Yellow (0%)

Black (27%)



Cyan (32%)

Magenta (39%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.9339, 35.9441, 50.8375 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 37.9339, 35.9441, 50.8375 by changing the saturation by 10% instead.

■ 37.9339, 35.9441,
50.8375

■ 37.9339, 35.9441,
50.8375

328.6221,
328.7162, 406.7606

■ 26.1084, 24.3910,
35.7035

■ 71.3114, 68.9458,
92.8236

■ 17.0378, 15.6239,
23.9174

■ 93.5940, 91.1632,
120.5127

■ 10.3569, 9.2584,
15.0607

120.0931,
117.7041, 153.2239

■ 5.7003, 4.9101,
8.7149

151.1739,
148.9530, 191.3758

■ 2.7027, 2.1946,
4.4614

187.2019,
185.2943, 235.3869

■ 0.9985, 0.7171,
1.8817

228.5423,

■ 0.0000, 0.0000,

227.1123, 285.6757

0.4811

275.5606,
274.7915, 342.6607

■ 0.0000, 0.0000,
0.0000

■ 37.9339, 35.9441,
50.8375

■ 37.9339, 35.9441,
50.8375

■ 33.6148, 29.4926,
49.8204

■ 42.8032, 43.3814,
52.0169

■ 29.8202, 23.9790,
48.9562

■ 48.2405, 51.8405,
53.3631

■ 26.5269, 19.3581,
48.2378

■ 54.2669, 61.3613,
54.8832

■ 23.7087, 15.5790,
47.6569

■ 60.9014, 71.9800,
56.5832

■ 21.3366, 12.5859,
47.2042

■ 68.1619, 83.7313,
58.4687

■ 19.3783, 10.3155,
46.8692

■ 72.4541, 89.4249,
59.3415

■ 17.7962, 8.6949,
46.6398

■ 74.4841, 90.4714,
59.4365

■ 16.5420, 7.6289,
46.5001

■ 76.5976, 91.5609,
59.5354

■ 16.1155, 7.2963,
46.4584

■ 78.7955, 92.6940,
59.6382

Harmonies

Analogous

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



35.4643, 35.9441, 55.4696



37.9339, 35.9441, 50.8375



39.4328, 35.9441, 43.3304

Triad

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



37.9339, 35.9441, 50.8375



35.5982, 35.9441, 26.4504



29.3548, 35.9441, 42.9317

Complementary

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



37.9339, 35.9441, 50.8375



38.9924, 45.1723, 37.6760

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.



29.3864, 35.9441, 35.2233



37.9339, 35.9441, 50.8375



32.8955, 35.9441, 26.3734

Square

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



37.9339, 35.9441, 50.8375



38.0364, 35.9441, 29.6121



30.6521, 35.9441, 29.3855



30.5634, 35.9441, 50.5125

Rectangle

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



37.9339, 35.9441, 50.8375



39.6325, 35.9441, 38.0386



30.6521, 35.9441, 29.3855



29.2228, 35.9441, 40.2563

Sweetspot

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



37.9350, 35.9456, 50.8383



77.7106, 79.3178, 93.4187



36.0031, 37.9273, 51.3226



16.6130, 16.8834, 20.1048



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



37.9350, 35.9456, 50.8383



65.4420, 60.6150, 90.4553



40.1218, 37.1152, 49.0355



9.0530, 8.9937, 11.3382



11.0554, 5.0104, 31.6375



0.4553, 0.2104, 1.1184

Inverse Universe

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



38.6130, 36.5116, 41.0901



66.9000, 61.8222, 69.9405



37.0824, 44.1533, 39.1434



9.1371, 9.0652, 10.0693



14.3628, 7.3189, 4.5313



0.5366, 0.2701, 0.3192

Previews

White Background



This preview shows how the XYZ color 37.9339, 35.9441, 50.8375 looks on a white background.

Color Contrast Check

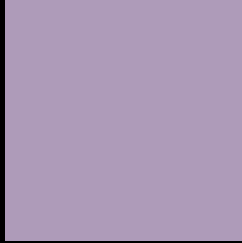
Large Text (above 18pt) WCAG AA × Fail

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 37.9339, 35.9441, 50.8375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

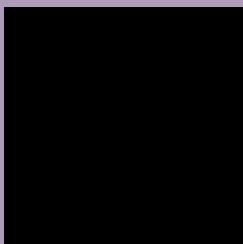
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.9339, 35.9441, 50.8375

Background



This preview shows how black text looks on a background with the XYZ color 37.9339, 35.9441, 50.8375.



This preview shows how white text looks on a background with the XYZ color 37.9339, 35.9441,

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

37.9339, 35.9441, 50.8375

Protanopia

35.4664, 35.8837, 53.2011

Deuteranopia

36.8149, 36.1299, 50.3808



Tritanopia

36.4958, 36.1267, 43.0798

Trichromacy



Original Color

37.9339, 35.9441, 50.8375

Protanomaly

36.4082, 35.8711, 52.5818

Deuteranomaly

37.2863, 36.1207, 50.3542

Tritanomaly

37.0284, 36.0933, 45.5725

Monochromacy



Original Color

37.9339, 35.9441, 50.8375

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

36.3397, 36.7931, 44.2162

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.9339, 35.9441, 50.8375 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(174, 155, 185)` looks like.

```
.text, #text, p{  
    color:rgb(174, 155, 185)  
}
```

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(174, 155, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 155, 185) }
```

Border

The CSS property to change the border of an element to XYZ 37.9339, 35.9441, 50.8375 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(174, 155, 185) }
```


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

```
.border{ border-color:rgb(174, 155, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 155, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 155, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 155, 185);  
box-shadow:4px 4px 4px 4px rgb(174, 155,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 37.9339, 35.9441, 50.8375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 155, 185) }
```

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

```
.background{ background-color: rgb(174,  
155, 185) }
```

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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