

Converting Colors

XYZ(37.6767, 39.1724, 40.9478)

Have a look what the booklet for
XYZ(37.6767, 39.1724, 40.9478)
contains.

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Color

**XYZ(37.6235, 39.1247,
41.1662)**

Conversions

Conversions Part 1

Format	Color
Hex	ACA7A5
RGB	172, 167, 165
RGB Percent	67%, 65%, 65%
CMY	0.3255, 0.3451, 0.3529
CMYK	0.00, 0.03, 0.04, 0.33
HSL	17°, 4%, 66%
HSV	17°, 4%, 67%
XYZ	37.6235, 39.1247, 41.1662
YIQ	168.2670, 3.6220, 0.4380

Conversions

Conversions Part 2

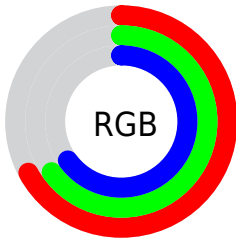
Format	Color
RYB	172, 168, 165
Decimal	11315109
CIELab	68.84, 1.43, 1.66
CIELCh	69, 2.188, 49.342
Yxy	39.1247, 0.3191, 0.3318
Android (android.graphics.Color)	4289505189 (0xFFACA7A5)
YUV	168.2670, -1.6106, 3.2738
Hunter-Lab	62.5497, -2.0948, 4.7640

Details

The XYZ color **37.6235, 39.1247, 41.1662** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.3382, 39.7268, 44.7303**, and the grayscale version is **37.3579, 39.3035, 42.8015**.

A 20% lighter version of the original color is **70.7181, 73.7408, 78.2163**, and **16.8571, 17.4468, 18.1019** is the 20% darker color. If you saturate the color by 10%, you get **34.0188, 34.2541, 32.7533**, and if you desaturate by 10%, it is **41.6546, 44.5101, 50.7610**.

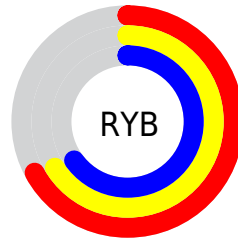
Distribution



Red (67%)

Green (65%)

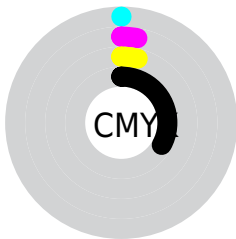
Blue (65%)



Red (67%)

Yellow (66%)

Blue (65%)

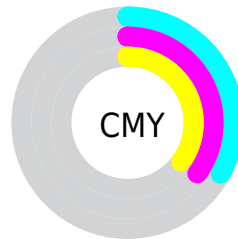


Cyan (0%)

Magenta (3%)

Yellow (4%)

Black (33%)



Cyan (33%)

Magenta (35%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.6235, 39.1247, 41.1662 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 37.6235, 39.1247, 41.1662 by changing the saturation by 10% instead.

■ 37.6235, 39.1247,
41.1662

■ 37.6235, 39.1247,
41.1662

327.3110,
342.4204, 366.7120

■ 25.8665, 26.8567,
28.1283

■ 70.8383, 73.8288,
78.1925

■ 16.8559, 17.4657,
18.1825

■ 93.0268, 97.0337,
103.0180

■ 10.2265, 10.5671,
10.9103

119.4233,
124.6531, 132.6098

■ 5.6128, 5.7765,
5.8931

150.3929,
157.0713, 167.3865

■ 2.6495, 2.7097,
2.7125

186.3011,
194.6727, 207.7664

■ 0.9713, 0.9821,
0.9497

227.5133,

■ 0.0000, 0.0000,

237.8418, 254.1683

0.0000

274.3948,
286.9629, 307.0106

■ 37.6235, 39.1247,
41.1662

■ 37.6235, 39.1247,
41.1662

■ 34.0188, 34.2541,
32.7533

■ 41.6546, 44.5101,
50.7610

■ 30.8229, 29.8781,
25.4738

■ 46.1223, 50.4197,
61.5786

■ 28.0219, 25.9824,
19.2796

■ 51.0408, 56.8692,
73.6610

■ 25.5996, 22.5502,
14.1183

■ 56.4223, 63.8719,
87.0473

■ 23.5390, 19.5636,
9.9328

■ 62.2788, 71.4408,
101.7753

■ 21.8212, 17.0039,
6.6608

■ 66.4224, 78.7087,
106.2992

■ 20.4260, 14.8503,
4.2323

■ 70.1738, 86.2115,
107.5497

■ 19.3304, 13.0807,
2.5674

■ 70.8235, 87.5108,
107.7662

■ 18.5078, 11.6701,
1.5700

Harmonies

Analogous

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



37.8203, 39.1247, 41.9701



37.6235, 39.1247, 41.1662



37.3105, 39.1247, 40.7488

Triad

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



37.6235, 39.1247, 41.1662



36.5347, 39.1247, 42.2475



37.4084, 39.1247, 44.4297

Complementary

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



37.6235, 39.1247, 41.1662



37.3382, 39.7268, 44.7303

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.



37.0635, 39.1247, 44.5068



37.6235, 39.1247, 41.1662



36.5605, 39.1247, 43.2365

Square

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



37.6235, 39.1247, 41.1662



36.6827, 39.1247, 41.3666



36.7536, 39.1247, 44.0670



37.6956, 39.1247, 43.8580

Rectangle

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



37.6235, 39.1247, 41.1662



37.0786, 39.1247, 40.7414



36.7536, 39.1247, 44.0670



37.2953, 39.1247, 44.5146

Sweetspot

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



37.6246, 39.1264, 41.1670



70.4041, 73.8611, 79.7628



37.7262, 38.5844, 43.4981



15.3092, 16.0635, 17.3551



82.5889, 86.8899, 94.6231



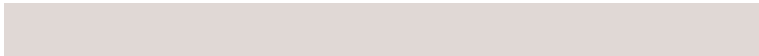
15.4596, 16.2647, 17.7123

Same Dimension

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



37.6246, 39.1264, 41.1670



67.5538, 70.0366, 73.0286



38.2708, 40.4188, 41.3824



8.4987, 8.7979, 9.1331



13.5264, 8.2582, 0.8811



0.4235, 0.3241, 0.0402

Inverse Universe

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



37.3382, 39.7268, 44.7303



66.9082, 71.3896, 81.0589



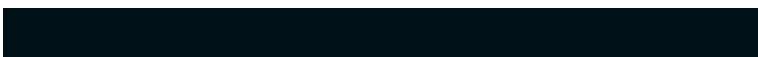
36.6944, 38.4392, 44.5157



8.4094, 8.9850, 10.2437



10.8408, 12.8154, 30.9468



0.3452, 0.4437, 0.8754

Previews

White Background



This preview shows how the XYZ color 37.6235, 39.1247, 41.1662 looks on a white background.

Color Contrast Check

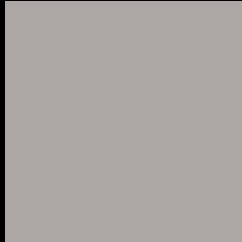
Large Text (above 18pt) WCAG AA × Fail

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 37.6235, 39.1247, 41.1662 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

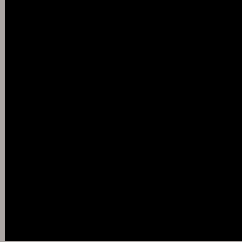
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.6235, 39.1247, 41.1662

Background



This preview shows how black text looks on a background with the XYZ color 37.6235, 39.1247, 41.1662.



This preview shows how white text looks on a background with the XYZ color 37.6235, 39.1247,

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

37.6235, 39.1247, 41.1662

Protanopia

37.6235, 39.1247, 41.1662

Deuteranopia

39.8108, 38.9081, 41.4882



Tritanopia

38.9466, 39.1233, 47.6183

Trichromacy



Original Color

37.6235, 39.1247, 41.1662

Protanomaly

37.6235, 39.1247, 41.1662

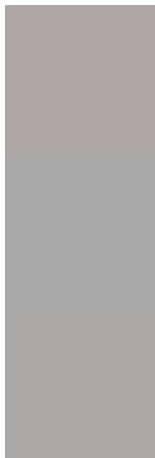
Deuteranomaly

38.9808, 39.0074, 41.5511

Tritanomaly

38.4126, 39.1738, 45.0719

Monochromacy



Original Color

37.6235, 39.1247, 41.1662

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.3399, 39.2303, 42.1634

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.6235, 39.1247, 41.1662 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(172, 167, 165)` looks like.

```
.text, #text, p{  
    color:rgb(172, 167, 165)  
}
```

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(172, 167, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 167, 165) }
```

Border

The CSS property to change the border of an element to XYZ 37.6235, 39.1247, 41.1662 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(172, 167, 165) }
```


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

```
.border{ border-color:rgb(172, 167, 165) }
```

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

Here you see how a box with a 4 pixel rgb(172, 167, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 167, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 167, 165);  
box-shadow:4px 4px 4px 4px rgb(172, 167,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 37.6235, 39.1247, 41.1662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 167, 165) }
```

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

```
.background{ background-color: rgb(172,  
167, 165) }
```

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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