

Converting Colors

XYZ(37.8980, 39.0564, 41.3824)

Have a look what the booklet for
XYZ(37.8980, 39.0564, 41.3824)
contains.

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Color

**XYZ(37.9747, 39.0243,
41.6074)**

Conversions

Conversions Part 1

Format	Color
Hex	AEA6A6
RGB	174, 166, 166
RGB Percent	68%, 65%, 65%
CMY	0.3176, 0.3490, 0.3490
CMYK	0.00, 0.05, 0.05, 0.32
HSL	0°, 5%, 67%
HSV	0°, 5%, 68%
XYZ	37.9747, 39.0243, 41.6074
YIQ	168.3920, 4.7680, 1.6960

Conversions

Conversions Part 2

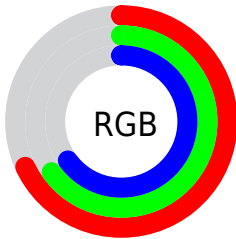
Format	Color
RYB	174, 166, 166
Decimal	11445926
CIELab	68.77, 2.88, 1.02
CIELCh	69, 3.053, 19.517
Yxy	39.0243, 0.3202, 0.3290
Android (android.graphics.Color)	4289636006 (0xFFAEA6A6)
YUV	168.3920, -1.1793, 4.9182
Hunter-Lab	62.4694, -0.8127, 4.2388

Details

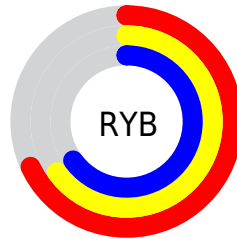
The XYZ color **37.9747, 39.0243, 41.6074** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.5018, 41.4344, 46.0132**, and the grayscale version is **37.4170, 39.3656, 42.8691**.

A 20% lighter version of the original color is **71.2207, 73.5914, 78.8574**, and **17.0806, 17.3871, 18.3754** is the 20% darker color. If you saturate the color by 10%, you get **33.5347, 32.5279, 32.7782**, and if you desaturate by 10%, it is **43.0605, 46.4657, 51.7183**.

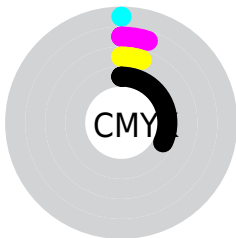
Distribution



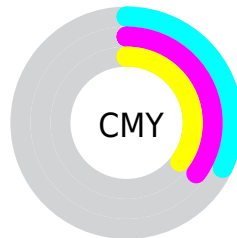
- Red (68%)
- Green (65%)
- Blue (65%)



- Red (68%)
- Yellow (65%)
- Blue (65%)



- Cyan (0%)
- Magenta (5%)
- Yellow (5%)
- Black (32%)



- Cyan (32%)
- Magenta (35%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.9747, 39.0243, 41.6074 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 37.9747, 39.0243, 41.6074 by changing the saturation by 10% instead.

■ 37.9747, 39.0243,
41.6074

■ 37.9747, 39.0243,
41.6074

328.7942,
341.9938, 368.6044

■ 26.1402, 26.7786,
28.4707

■ 71.3735, 73.6754,
78.8688

■ 17.0618, 17.4070,
18.4387

■ 93.6685, 96.8497,
103.8305

■ 10.3741, 10.5251,
11.0927

120.1810,
124.4356, 133.5711

■ 5.7119, 5.7485,
6.0143

151.2765,
156.8176, 168.5089

■ 2.7097, 2.6928,
2.7848

187.3201,
194.3800, 209.0627

■ 1.0022, 0.9735,
0.9858

228.6774,

■ 0.0000, 0.0000,

237.5072, 255.6508

0.0000

275.7136,
286.5837, 308.6919

■ 37.9747, 39.0243,
41.6074

■ 37.9747, 39.0243,
41.6074

■ 33.5347, 32.5279,
32.7782

■ 43.0605, 46.4657,
51.7183

■ 29.7117, 26.9340,
25.1771

■ 48.8130, 54.8825,
63.1566

■ 26.4792, 22.2041,
18.7505

■ 55.2564, 64.3099,
75.9688

■ 23.8078, 18.2952,
13.4399

■ 62.4124, 74.7800,
90.1983

■ 21.6657, 15.1606,
9.1817

■ 70.3020, 86.3234,
105.8867

■ 20.0176, 12.7488,
5.9059

■ 71.2657, 87.7388,
107.7869

■ 18.8242, 11.0022,
3.5342

■ 18.0399, 9.8543,
1.9761

■ 17.6100, 9.2248,
1.1224

Harmonies

Analogous

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



38.0132, 39.0243, 42.9771



37.9747, 39.0243, 41.6074



37.6983, 39.0243, 40.4975

Triad

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



37.9747, 39.0243, 41.6074



36.3887, 39.0243, 40.7854



36.9225, 39.0243, 45.1634

Complementary

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



37.9747, 39.0243, 41.6074



38.5018, 41.4344, 46.0132

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.



36.4911, 39.0243, 44.5485



37.9747, 39.0243, 41.6074



36.1847, 39.0243, 42.0082

Square

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



37.9747, 39.0243, 41.6074



36.7817, 39.0243, 40.0301



36.2220, 39.0243, 43.3867



37.4029, 39.0243, 45.0504

Rectangle

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



37.9747, 39.0243, 41.6074



37.4177, 39.0243, 40.0449



36.2220, 39.0243, 43.3867



36.7670, 39.0243, 45.0344

Sweetspot

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



37.9758, 39.0260, 41.6082



72.0490, 75.4199, 81.7660



38.7323, 39.3277, 45.5944



16.0247, 16.7790, 18.1953



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



37.9758, 39.0260, 41.6082



67.5948, 68.9026, 72.9095



38.7137, 40.5018, 41.8542



8.2892, 8.4309, 8.9027



12.6613, 6.5280, 0.5927



0.3523, 0.1818, 0.0165

Inverse Universe

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



38.5018, 41.4344, 46.0132



68.8495, 74.6473, 83.4165



37.7411, 39.9130, 45.7596



8.4536, 9.1838, 10.2798



16.5105, 24.1548, 32.8367



0.4594, 0.6721, 0.9135

Previews

White Background



This preview shows how the XYZ color 37.9747, 39.0243, 41.6074 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 37.9747, 39.0243, 41.6074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

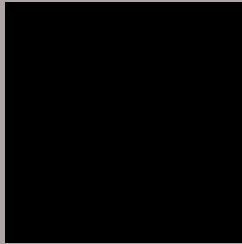
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.9747, 39.0243, 41.6074

Background



This preview shows how black text looks on a background with the XYZ color 37.9747, 39.0243, 41.6074.



This preview shows how white text looks on a background with the XYZ color 37.9747, 39.0243,

41.6074.

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

37.9747, 39.0243, 41.6074

Protanopia

37.5884, 39.0854, 42.1223

Deuteranopia

39.6625, 38.8210, 41.9620



Tritanopia

39.1158, 38.9554, 47.0525

Trichromacy



Original Color

37.9747, 39.0243, 41.6074

Protanomaly

37.8070, 39.1981, 42.1326

Deuteranomaly

38.8946, 38.6877, 41.9767

Tritanomaly

38.6772, 39.0414, 45.0324

Monochromacy



Original Color

37.9747, 39.0243, 41.6074

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.3713, 38.9735, 42.1122

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.9747, 39.0243, 41.6074 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, 166, 166)` looks like.

```
.text, #text, p{  
    color:rgb(174, 166, 166)  
}
```

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, 166, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 166, 166) }
```

Border

The CSS property to change the border of an element to XYZ 37.9747, 39.0243, 41.6074 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, 166, 166) }
```


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

```
.border{ border-color:rgb(174, 166, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 166, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 166, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 166, 166);  
box-shadow:4px 4px 4px 4px rgb(174, 166,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 37.9747, 39.0243, 41.6074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 166, 166) }
```

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

```
.background{ background-color: rgb(174,  
166, 166) }
```

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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