

Converting Colors

XYZ(37.3955, 38.6087, 41.3864)

Have a look what the booklet for
XYZ(37.3955, 38.6087, 41.3864)
contains.

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Color

**XYZ(37.5324, 38.7963,
41.5867)**

Conversions

Conversions Part 1

Format	Color
Hex	ACA6A6
RGB	172, 166, 166
RGB Percent	67%, 65%, 65%
CMY	0.3255, 0.3490, 0.3490
CMYK	0.00, 0.03, 0.03, 0.33
HSL	0°, 3%, 66%
HSV	0°, 3%, 67%
XYZ	37.5324, 38.7963, 41.5867
YIQ	167.7940, 3.5760, 1.2720

Conversions

Conversions Part 2

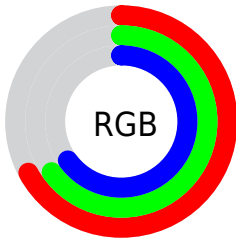
Format	Color
RYB	172, 166, 166
Decimal	11314854
CIELab	68.60, 2.16, 0.76
CIELCh	69, 2.285, 19.397
Yxy	38.7963, 0.3183, 0.3290
Android (android.graphics.Color)	4289504934 (0xFFACA6A6)
YUV	167.7940, -0.8844, 3.6887
Hunter-Lab	62.2867, -1.4420, 4.0148

Details

The XYZ color **37.5324, 38.7963, 41.5867** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.9247, 40.5899, 44.8659**, and the grayscale version is **37.1223, 39.0556, 42.5315**.

A 20% lighter version of the original color is **70.5861, 73.2643, 78.8277**, and **16.8003, 17.2426, 18.3623** is the 20% darker color. If you saturate the color by 10%, you get **33.1403, 32.3701, 32.8520**, and if you desaturate by 10%, it is **42.5555, 46.1458, 51.5738**.

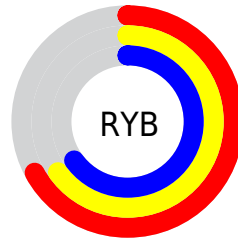
Distribution



Red (67%)

Green (65%)

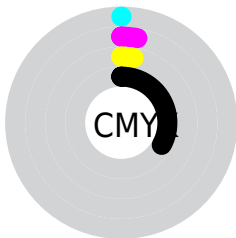
Blue (65%)



Red (67%)

Yellow (65%)

Blue (65%)

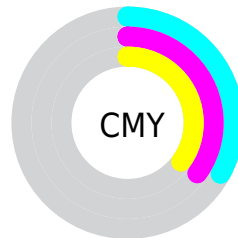


Cyan (0%)

Magenta (3%)

Yellow (3%)

Black (33%)



Cyan (33%)

Magenta (35%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.5324, 38.7963, 41.5867 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 37.5324, 38.7963, 41.5867 by changing the saturation by 10% instead.

■ 37.5324, 38.7963,
41.5867

■ 37.5324, 38.7963,
41.5867

326.9255,
341.0237, 368.5158

■ 25.7955, 26.6013,
28.4547

■ 70.6994, 73.3270,
78.8371

■ 16.8026, 17.2740,
18.4266

■ 92.8602, 96.4316,
103.7924

■ 10.1883, 10.4300,
11.0841

119.2264,
123.9414, 133.5260

■ 5.5872, 5.6850,
6.0086

150.1634,
156.2409, 168.4563

■ 2.6340, 2.6545,
2.7814

186.0364,
193.7145, 209.0019

■ 0.9633, 0.9541,
0.9841

227.2108,

■ 0.0000, 0.0000,

236.7465, 255.5813

0.0000

274.0521,
285.7215, 308.6131

■ 37.5324, 38.7963,
41.5867

■ 37.5324, 38.7963,
41.5867

■ 33.1403, 32.3701,
32.8520

■ 42.5555, 46.1458,
51.5738

■ 29.3511, 26.8259,
25.3179

■ 48.2298, 54.4477,
62.8574

■ 26.1396, 22.1268,
18.9327

■ 54.5784, 63.7362,
75.4823

■ 23.4773, 18.2312,
13.6400

■ 61.6226, 74.0423,
89.4908

■ 21.3336, 15.0943,
9.3787

■ 69.3825, 85.3954,
104.9230

■ 19.6746, 12.6665,
6.0814

■ 70.8234, 87.5107,
107.7662

■ 18.4627, 10.8928,
3.6731

■ 17.6544, 9.7097,
2.0676

■ 17.1979, 9.0413,
1.1614

Harmonies

Analogous

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



37.5602, 38.7963, 42.6089



37.5324, 38.7963, 41.5867



37.3277, 38.7963, 40.7532

Triad

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



37.5324, 38.7963, 41.5867



36.3509, 38.7963, 40.9638



36.7473, 38.7963, 44.2240

Complementary

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



37.5324, 38.7963, 41.5867



37.9247, 40.5899, 44.8659

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.



36.4254, 38.7963, 43.7678



37.5324, 38.7963, 41.5867



36.1976, 38.7963, 41.8784

Square

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



37.5324, 38.7963, 41.5867



36.6450, 38.7963, 40.3976



36.2248, 38.7963, 42.9053



37.1054, 38.7963, 44.1428

Rectangle

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



37.5324, 38.7963, 41.5867



37.1192, 38.7963, 40.4115



36.2248, 38.7963, 42.9053



36.6313, 38.7963, 44.1281

Sweetspot

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



37.5335, 38.7980, 41.5875



70.2334, 73.5196, 79.7059



38.0964, 39.0222, 44.5543



15.2741, 15.9933, 17.3434



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.



37.5335, 38.7980, 41.5875



67.5946, 69.6588, 74.4589



38.0846, 39.9003, 41.7713



8.4845, 8.7167, 9.2910



12.6615, 6.5285, 0.5928



0.3523, 0.1818, 0.0165

Inverse Universe

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



37.9247, 40.5899, 44.8659



68.4199, 73.4390, 81.3748



37.3608, 39.4620, 44.6779



8.6033, 9.2610, 10.2868



16.5074, 24.1486, 32.8356



0.4593, 0.6720, 0.9135

Previews

White Background



This preview shows how the XYZ color 37.5324, 38.7963, 41.5867 looks on a white background.

Color Contrast Check

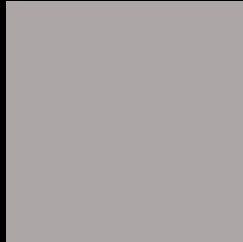
Large Text (above 18pt) WCAG AA × Fail

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 37.5324, 38.7963, 41.5867 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

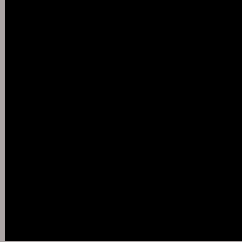
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.5324, 38.7963, 41.5867

Background



This preview shows how black text looks on a background with the XYZ color 37.5324, 38.7963, 41.5867.

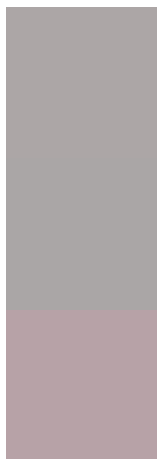


This preview shows how white text looks on a background with the XYZ color 37.5324, 38.7963,

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

37.5324, 38.7963, 41.5867

Protanopia

37.0967, 38.5717, 41.5663

Deuteranopia

39.4238, 38.6980, 41.9508



Tritanopia

38.6668, 38.7239, 47.0315

Trichromacy



Original Color

37.5324, 38.7963, 41.5867

Protanomaly

37.3137, 38.6835, 41.5764

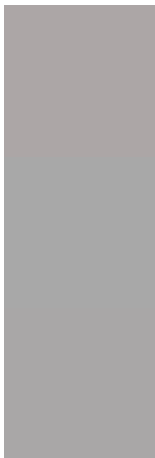
Deuteranomaly

38.6626, 38.5681, 41.9659

Tritanomaly

38.2315, 38.8116, 45.0115

Monochromacy



Original Color

37.5324, 38.7963, 41.5867

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.1560, 38.8625, 42.1021

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.5324, 38.7963, 41.5867 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, 166, 166)` looks like.

```
.text, #text, p{  
    color:rgb(172, 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(172, 166, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 166, 166) }
```

Border

The CSS property to change the border of an element to XYZ 37.5324, 38.7963, 41.5867 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, 166, 166) }
```


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

```
.border{ border-color:rgb(172, 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(172, 166, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(172, 166, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(172, 166, 166); box-shadow:4px 4px 4px 4px rgb(172, 166, 166) }
```

Background

The CSS property to change the background color of an element to XYZ 37.5324, 38.7963, 41.5867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 166, 166) }
```

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

```
.background{ background-color: rgb(172,  
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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