

Converting Colors

XYZ(37.6626, 38.6110, 43.7255)

Have a look what the booklet for
XYZ(37.6626, 38.6110, 43.7255)
contains.

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Color

**XYZ(37.5054, 38.4705,
43.4790)**

Conversions

Conversions Part 1

Format	Color
Hex	ABA5AA
RGB	171, 165, 170
RGB Percent	67%, 65%, 67%
CMY	0.3294, 0.3529, 0.3333
CMYK	0.00, 0.04, 0.01, 0.33
HSL	310°, 3%, 66%
HSV	310°, 4%, 67%
XYZ	37.5054, 38.4705, 43.4790
YIQ	167.3640, 1.9710, 2.8270

Conversions

Conversions Part 2

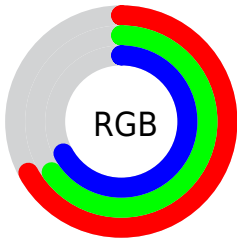
Format	Color
RYB	171, 165, 170
Decimal	11249066
CIELab	68.37, 3.09, -1.82
CIELCh	68, 3.586, 329.524
Yxy	38.4705, 0.3140, 0.3221
Android (android.graphics.Color)	4289439146 (0xFFABA5AA)
YUV	167.3640, 1.2995, 3.1888
Hunter-Lab	62.0246, -0.6066, 1.8552

Details

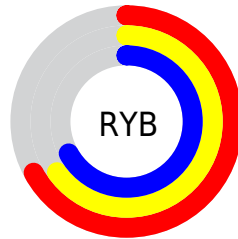
The XYZ color **37.5054, 38.4705, 43.4790** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.9643, 39.8793, 41.8276**, and the grayscale version is **36.9022, 38.8240, 42.2793**.

A 20% lighter version of the original color is **70.5478, 72.7914, 81.5660**, and **16.7829, 17.0402, 19.5441** is the 20% darker color. If you saturate the color by 10%, you get **34.3586, 32.6034, 41.1142**, and if you desaturate by 10%, it is **41.0726, 45.1681, 46.0138**.

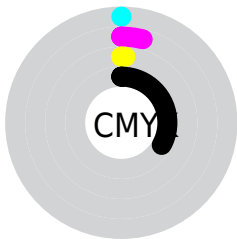
Distribution



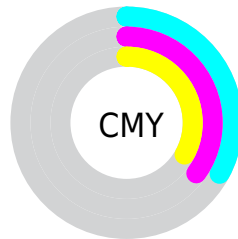
- Red (67%)
- Green (65%)
- Blue (67%)



- Red (67%)
- Yellow (65%)
- Blue (67%)



- Cyan (0%)
- Magenta (4%)
- Yellow (1%)
- Black (33%)



- Cyan (33%)
- Magenta (35%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.5054, 38.4705, 43.4790 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 37.5054, 38.4705, 43.4790 by changing the saturation by 10% instead.

■ 37.5054, 38.4705,
43.4790

■ 37.5054, 38.4705,
43.4790

326.8111,
339.6340, 376.5569

■ 25.7745, 26.3481,
29.9269

■ 70.6582, 72.8287,
81.7273

■ 16.7868, 17.0842,
19.5316

■ 92.8108, 95.8333,
107.2606

■ 10.1770, 10.2945,
11.8743

119.1681,
123.2340, 137.6247

■ 5.5796, 5.5947,
6.5366

150.0953,
155.4153, 173.2383

■ 2.6294, 2.6002,
3.1000

185.9579,
192.7616, 214.5197

■ 0.9610, 0.9268,
1.1459

227.1211,

■ 0.0000, 0.0000,

235.6572, 261.8876

0.0000

273.9504,
284.4865, 315.7605

■ 37.5054, 38.4705,
43.4790

■ 37.5054, 38.4705,
43.4790

■ 34.3586, 32.6034,
41.1142

■ 41.0726, 45.1681,
46.0138

■ 31.6127, 27.5292,
38.9112

■ 45.0724, 52.7219,
48.7213

■ 29.2514, 23.2150,
36.8650

■ 49.5204, 61.1626,
51.6074

■ 27.2561, 19.6236,
34.9690

■ 54.4305, 70.5181,
54.6770

■ 25.6065, 16.7147,
33.2164

■ 59.8161, 80.8148,
57.9346

■ 24.2805, 14.4438,
31.5997

■ 61.5359, 83.7705,
60.0000

■ 23.2534, 12.7615,
30.1103

■ 61.8445, 83.8939,
61.6250

■ 22.4965, 11.6109,
28.7386

■ 62.1592, 84.0198,
63.2820

■ 21.9759, 10.9238,
27.4730

■ 62.4800, 84.1481,
64.9713

Harmonies

Analogous

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



37.1008, 38.4705, 44.6421



37.5054, 38.4705, 43.4790



37.6576, 38.4705, 41.9136

Triad

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



37.5054, 38.4705, 43.4790



36.5740, 38.4705, 38.8653



35.6317, 38.4705, 43.4333

Complementary

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



37.5054, 38.4705, 43.4790



36.9643, 39.8793, 41.8276

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.



35.4939, 38.4705, 41.8621



37.5054, 38.4705, 43.4790



36.0345, 38.4705, 39.2492

Square

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



37.5054, 38.4705, 43.4790



37.1165, 38.4705, 39.2739



35.6406, 38.4705, 40.3360



36.0191, 38.4705, 44.6153

Rectangle

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



37.5054, 38.4705, 43.4790



37.5942, 38.4705, 40.8609



35.6406, 38.4705, 40.3360



35.5548, 38.4705, 42.9319

Sweetspot

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



37.5065, 38.4722, 43.4798



68.6901, 71.7452, 78.9703



36.5333, 37.9595, 43.9299



15.3259, 16.0139, 17.6162



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.



37.5065, 38.4722, 43.4798



66.8339, 68.2693, 77.6224



37.2260, 38.3600, 42.0029



8.6262, 8.7731, 10.0380



16.3858, 8.0168, 20.2086



0.4708, 0.2290, 0.6410

Inverse Universe

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



37.5065, 38.4722, 43.4798



66.8339, 68.2693, 77.6224



37.2426, 39.9906, 43.2932



8.6262, 8.7731, 10.0380



16.3858, 8.0168, 20.2086



0.4708, 0.2290, 0.6410

Previews

White Background



This preview shows how the XYZ color 37.5054, 38.4705, 43.4790 looks on a white background.

Color Contrast Check

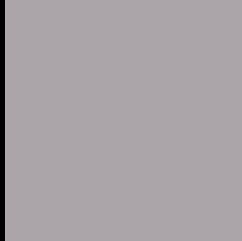
Large Text (above 18pt) WCAG AA × Fail

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 37.5054, 38.4705, 43.4790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

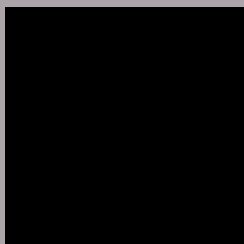
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.5054, 38.4705, 43.4790

Background



This preview shows how black text looks on a background with the XYZ color 37.5054, 38.4705, 43.4790.



This preview shows how white text looks on a background with the XYZ color 37.5054, 38.4705,

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

37.5054, 38.4705, 43.4790

Protanopia

37.0404, 38.4995, 43.5091

Deuteranopia

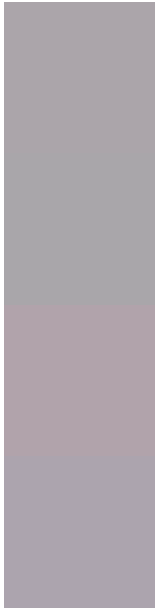
39.3271, 38.6047, 43.9068



Tritanopia

38.2245, 38.4959, 47.0108

Trichromacy



Original Color

37.5054, 38.4705, 43.4790

Protanomaly

37.2541, 38.6097, 43.5191

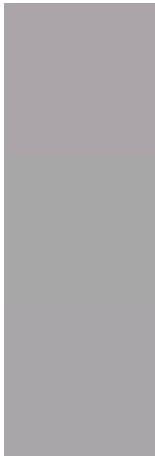
Deuteranomaly

38.5793, 38.4818, 43.9225

Tritanomaly

37.9287, 38.3776, 45.4530

Monochromacy



Original Color

37.5054, 38.4705, 43.4790

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

36.8526, 38.4244, 42.5201

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.5054, 38.4705, 43.4790 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(171, 165, 170)` looks like.

```
.text, #text, p{  
    color:rgb(171, 165, 170)  
}
```

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(171, 165, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 165, 170) }
```

Border

The CSS property to change the border of an element to XYZ 37.5054, 38.4705, 43.4790 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(171, 165, 170) }
```


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

```
.border{ border-color:rgb(171, 165, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 165, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 165, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 165, 170);  
box-shadow:4px 4px 4px 4px rgb(171, 165,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 37.5054, 38.4705, 43.4790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 165, 170) }
```

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

```
.background{ background-color: rgb(171,  
165, 170) }
```

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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