

Converting Colors

XYZ(37.6774, 40.6786, 47.9854)

Have a look what the booklet for
XYZ(37.6774, 40.6786, 47.9854)
contains.

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Color

**XYZ(37.6774, 40.6786,
47.9854)**

Conversions

Conversions Part 1

Format	Color
Hex	A1ADB2
RGB	161, 173, 178
RGB Percent	63%, 68%, 70%
CMY	0.3686, 0.3216, 0.3020
CMYK	0.10, 0.03, 0.00, 0.30
HSL	198°, 10%, 66%
HSV	198°, 10%, 70%
XYZ	37.6774, 40.6786, 47.9854
YIQ	169.9820, -8.7570, -0.9890

Conversions

Conversions Part 2

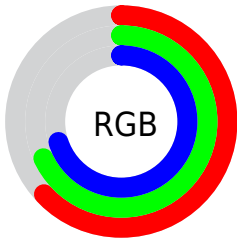
Format	Color
RYB	161, 168, 178
Decimal	10595762
CIELab	69.95, -3.18, -4.01
CIElCh	70, 5.116, 231.602
Yxy	40.6786, 0.2982, 0.3220
Android (android.graphics.Color)	4288785842 (0xFFA1ADB2)
YUV	169.9820, 3.9529, -7.8772
Hunter-Lab	63.7798, -6.1671, 0.0384

Details

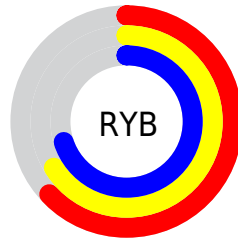
The XYZ color **37.6774, 40.6786, 47.9854** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.4295, 39.3103, 39.2811**, and the grayscale version is **38.1845, 40.1731, 43.7485**.

A 20% lighter version of the original color is **70.9136, 76.0262, 88.7789**, and **16.8457, 18.4066, 22.0670** is the 20% darker color. If you saturate the color by 10%, you get **33.3591, 36.9930, 47.5023**, and if you desaturate by 10%, it is **42.5480, 44.7094, 48.5074**.

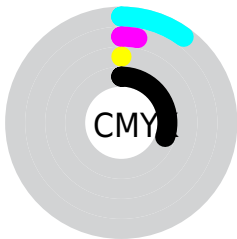
Distribution



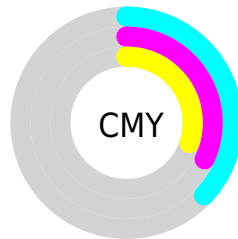
- Red (63%)
- Green (68%)
- Blue (70%)



- Red (63%)
- Yellow (66%)
- Blue (70%)



- Cyan (10%)
- Magenta (3%)
- Yellow (0%)
- Black (30%)



- Cyan (37%)
- Magenta (32%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.6774, 40.6786, 47.9854 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 37.6774, 40.6786, 47.9854 by changing the saturation by 10% instead.

■ 37.6774, 40.6786,
47.9854

■ 37.6774, 40.6786,
47.9854

327.5389,
348.9755, 395.2413

■ 25.9085, 28.0680,
33.4554

■ 70.9205, 76.1958,
88.5480

■ 16.8875, 18.3770,
22.2016

■ 93.1254, 99.8711,
115.4177

■ 10.2491, 11.2210,
13.8054

119.5396,
128.0036, 147.2377

■ 5.6280, 6.2157,
7.8482

150.5286,
160.9775, 184.4265

■ 2.6587, 2.9767,
3.9116

186.4577,
199.1772, 227.4028

■ 0.9760, 1.1196,
1.5770

227.6922,

■ 0.0000, 0.0000,

242.9872, 276.5850

0.2743

274.5975,
292.7919, 332.3916

■ 0.0000, 0.0000,
0.0000

■ 37.6774, 40.6786,
47.9854

■ 37.6774, 40.6786,
47.9854

■ 33.3591, 36.9930,
47.5023

■ 42.5480, 44.7094,
48.5074

■ 29.5677, 33.6357,
47.0540

■ 47.9881, 49.0917,
49.0665

■ 26.2809, 30.5955,
46.6405

■ 54.0184, 53.8378,
49.6648

■ 23.4734, 27.8588,
46.2602

■ 60.6573, 58.9580,
50.3031

■ 21.1177, 25.4105,
45.9118

■ 67.9227, 64.4620,
50.9826

■ 19.1831, 23.2343,
45.5937

■ 70.9637, 67.8498,
51.4762

■ 17.6350, 21.3115,
45.3042

■ 72.2315, 70.3855,
51.8988

■ 16.4326, 19.6204,
45.0411

■ 73.5416, 73.0056,
52.3355

■ 15.4957, 18.1189,
44.8007

■ 74.8943, 75.7110,
52.7864

Harmonies

Analogous

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



37.1936, 40.6786, 46.0025



37.6774, 40.6786, 47.9854



38.4303, 40.6786, 48.9870

Triad

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



37.6774, 40.6786, 47.9854



40.2701, 40.6786, 44.9655



38.0771, 40.6786, 40.1624

Complementary

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



37.6774, 40.6786, 47.9854



38.4295, 39.3103, 39.2811

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.



38.8982, 40.6786, 39.9071



37.6774, 40.6786, 47.9854



40.1723, 40.6786, 42.6246

Square

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



37.6774, 40.6786, 47.9854



39.9328, 40.6786, 47.2029



39.6672, 40.6786, 40.7933



37.4220, 40.6786, 41.5034

Rectangle

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



37.6774, 40.6786, 47.9854



38.9868, 40.6786, 48.9394



39.6672, 40.6786, 40.7933



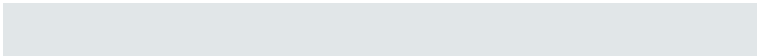
38.3426, 40.6786, 39.9487

Sweetspot

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



37.6786, 40.6803, 47.9863



73.9494, 78.4465, 87.6253



37.4851, 42.1650, 42.1519



16.2245, 17.2487, 19.3965



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



37.6786, 40.6803, 47.9863



66.9749, 72.6317, 86.8705



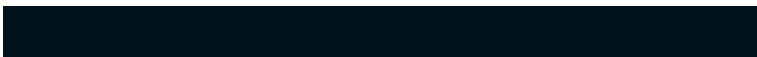
36.1326, 37.5883, 47.4710



8.5275, 9.2012, 10.8329



11.1150, 13.0304, 32.0663



0.3973, 0.5051, 1.0248

Inverse Universe

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



38.6487, 37.9726, 44.8297



69.0216, 66.9713, 80.1993



39.9911, 42.4335, 39.8016



8.7414, 8.6033, 10.1369



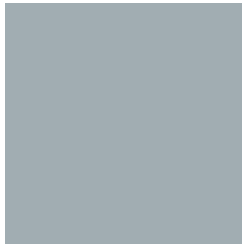
15.8450, 7.8556, 14.8756



0.5226, 0.2568, 0.5945

Previews

White Background



This preview shows how the XYZ color 37.6774, 40.6786, 47.9854 looks on a white background.

Color Contrast Check

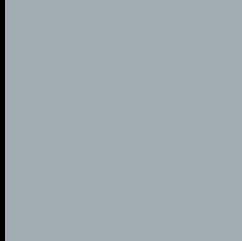
Large Text (above 18pt) WCAG AA × Fail

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 37.6774, 40.6786, 47.9854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

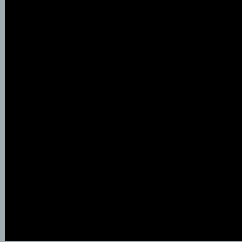
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

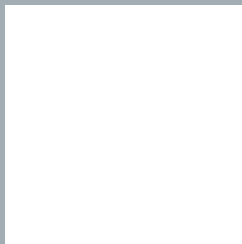
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.6774, 40.6786, 47.9854

Background



This preview shows how black text looks on a background with the XYZ color 37.6774, 40.6786, 47.9854.



This preview shows how white text looks on a background with the XYZ color 37.6774, 40.6786,

47.9854.

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

37.6774, 40.6786, 47.9854

Protanopia

39.2245, 40.6547, 46.8541

Deuteranopia

41.3013, 40.5944, 48.3065



Tritanopia

38.4098, 40.6892, 51.7283

Trichromacy



Original Color

37.6774, 40.6786, 47.9854

Protanomaly

38.6472, 40.6250, 47.3995

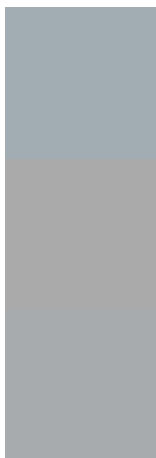
Deuteranomaly

40.0038, 40.7446, 48.4039

Tritanomaly

38.0963, 40.5638, 50.0777

Monochromacy



Original Color

37.6774, 40.6786, 47.9854

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.0421, 40.3584, 45.3201

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.6774, 40.6786, 47.9854 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(161, 173, 178)` looks like.

```
.text, #text, p{  
    color:rgb(161, 173, 178)  
}
```

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(161, 173, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 173, 178) }
```

Border

The CSS property to change the border of an element to XYZ 37.6774, 40.6786, 47.9854 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(161, 173, 178) }
```


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

```
.border{ border-color:rgb(161, 173, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 173, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 173, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 173, 178);  
box-shadow:4px 4px 4px 4px rgb(161, 173,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 37.6774, 40.6786, 47.9854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 173, 178) }
```

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

```
.background{ background-color: rgb(161,  
173, 178) }
```

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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