

Converting Colors

XYZ(37.9004, 41.3976, 48.2090)

Have a look what the booklet for
XYZ(37.9004, 41.3976, 48.2090)
contains.

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Color

**XYZ(37.8631, 41.3479,
48.1048)**

Conversions

Conversions Part 1

Format	Color
Hex	A0AFB2
RGB	160, 175, 178
RGB Percent	63%, 69%, 70%
CMY	0.3725, 0.3137, 0.3020
CMYK	0.10, 0.02, 0.00, 0.30
HSL	190°, 10%, 66%
HSV	190°, 10%, 70%
XYZ	37.8631, 41.3479, 48.1048
YIQ	170.8570, -9.9030, -2.2470

Conversions

Conversions Part 2

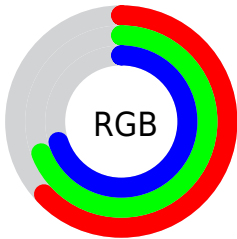
Format	Color
RYB	160, 168, 178
Decimal	10530738
CIELab	70.42, -4.60, -3.33
CIELCh	70, 5.674, 215.903
Yxy	41.3479, 0.2974, 0.3248
Android (android.graphics.Color)	4288720818 (0xFFA0AFB2)
YUV	170.8570, 3.5215, -9.5216
Hunter-Lab	64.3023, -7.4230, 0.6566

Details

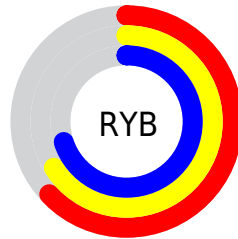
The XYZ color **37.8631, 41.3479, 48.1048** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.8027, 38.1973, 38.6389**, and the grayscale version is **38.6244, 40.6358, 44.2524**.

A 20% lighter version of the original color is **71.4515, 77.5394, 89.0426**, and **16.9690, 18.8347, 22.1431** is the 20% darker color. If you saturate the color by 10%, you get **33.9861, 38.5033, 47.7607**, and if you desaturate by 10%, it is **42.2647, 44.4840, 48.4788**.

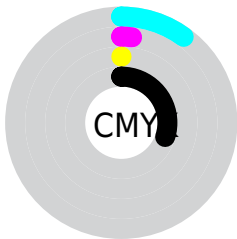
Distribution



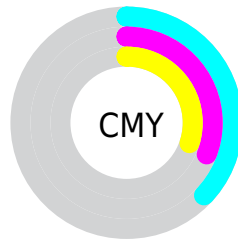
- Red (63%)
- Green (69%)
- Blue (70%)



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



- Cyan (10%)
- Magenta (2%)
- Yellow (0%)
- Black (30%)



- Cyan (37%)
- Magenta (31%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.8631, 41.3479, 48.1048 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 37.8631, 41.3479, 48.1048 by changing the saturation by 10% instead.

■ 37.8631, 41.3479,
48.1048

■ 37.8631, 41.3479,
48.1048

328.3234,
351.7726, 395.7281

■ 26.0532, 28.5910,
33.5493

■ 71.2035, 77.2117,
88.7276

■ 16.9963, 18.7717,
22.2730

■ 93.4647, 101.0875,
115.6320

■ 10.3272, 11.5054,
13.8574

119.9404,
129.4383, 147.4897

■ 5.6803, 6.4079,
7.8839

150.9959,
162.6486, 184.7194

■ 2.6905, 3.0946,
3.9341

186.9966,
201.1028, 227.7395

■ 0.9923, 1.1813,
1.5892

228.3078,

■ 0.0000, 0.0464,

245.1853, 276.9687

0.2831

275.2950,
295.2804, 332.8253

■ 0.0000, 0.0000,
0.0000

■ 37.8631, 41.3479,
48.1048

■ 37.8631, 41.3479,
48.1048

■ 33.9861, 38.5033,
47.7607

■ 42.2647, 44.4840,
48.4788

■ 30.6084, 35.9336,
47.4427

■ 47.2076, 47.9170,
48.8809

■ 27.7081, 33.6286,
47.1507

■ 52.7123, 51.6586,
49.3130

■ 25.2602, 31.5753,
46.8834

■ 58.7970, 55.7184,
49.7759

■ 23.2373, 29.7593,
46.6395

■ 65.4792, 60.1054,
50.2705

■ 21.6089, 28.1650,
46.4176

■ 68.2992, 62.5208,
50.5881

■ 20.3406, 26.7744,
46.2160

■ 68.9601, 63.8427,
50.8084

■ 19.3916, 25.5663,
46.0328

■ 69.6343, 65.1909,
51.0331

■ 18.6825, 24.5075,
45.8658

■ 70.3217, 66.5657,
51.2622

Harmonies

Analogous

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



37.5405, 41.3479, 45.5518



37.8631, 41.3479, 48.1048



38.5712, 41.3479, 49.8811

Triad

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



37.8631, 41.3479, 48.1048



40.9622, 41.3479, 47.1536



39.1155, 41.3479, 40.0961

Complementary

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



37.8631, 41.3479, 48.1048



37.8027, 38.1973, 38.6389

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.



40.0378, 41.3479, 40.4870



37.8631, 41.3479, 48.1048



41.1135, 41.3479, 44.4940

Square

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



37.8631, 41.3479, 48.1048



40.3625, 41.3479, 49.3169



40.7727, 41.3479, 42.0716



38.2562, 41.3479, 40.9818

Rectangle

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



37.8631, 41.3479, 48.1048



39.1718, 41.3479, 50.3484



40.7727, 41.3479, 42.0716



39.4284, 41.3479, 40.0830

Sweetspot

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



37.8643, 41.3496, 48.1057



74.1969, 78.9415, 87.7078



37.0023, 41.9487, 40.6570



16.2936, 17.3869, 19.4195



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.



37.8643, 41.3496, 48.1057



67.1126, 73.8597, 87.1003



36.2247, 38.0704, 47.5592



8.6198, 9.3859, 10.8637



13.4068, 17.6140, 32.8302



0.4538, 0.6181, 1.0436

Inverse Universe

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



38.6697, 37.7026, 45.7987



68.8586, 66.0158, 82.0854



39.4014, 41.3947, 39.1718



8.7881, 8.6219, 10.3823



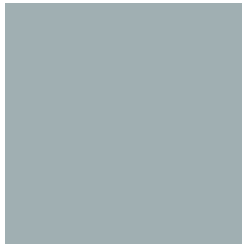
17.0018, 8.3183, 20.9671



0.5511, 0.2682, 0.7446

Previews

White Background



This preview shows how the XYZ color 37.8631, 41.3479, 48.1048 looks on a white background.

Color Contrast Check

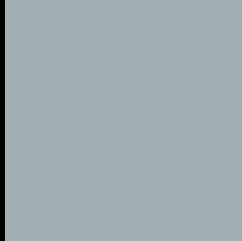
Large Text (above 18pt) WCAG AA × Fail

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 37.8631, 41.3479, 48.1048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

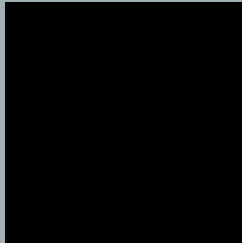
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

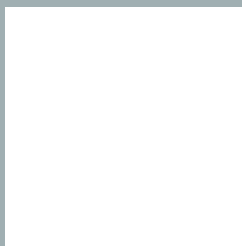
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.8631, 41.3479, 48.1048

Background



This preview shows how black text looks on a background with the XYZ color 37.8631, 41.3479, 48.1048.



This preview shows how white text looks on a background with the XYZ color 37.8631, 41.3479,

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

37.8631, 41.3479, 48.1048

Protanopia

39.8549, 41.2591, 46.9375

Deuteranopia

42.0645, 41.2470, 48.9244



Tritanopia

39.0060, 41.5413, 52.9762

Trichromacy



Original Color

37.8631, 41.3479, 48.1048

Protanomaly

39.0505, 41.1144, 47.4727

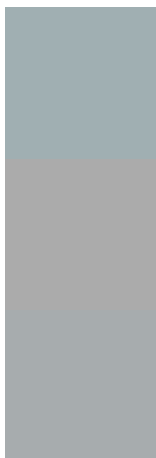
Deuteranomaly

40.4159, 41.2342, 48.4767

Tritanomaly

38.4857, 41.3099, 51.2926

Monochromacy



Original Color

37.8631, 41.3479, 48.1048

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.3289, 40.7765, 45.8949

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.8631, 41.3479, 48.1048 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(160, 175, 178)` looks like.

```
.text, #text, p{  
    color:rgb(160, 175, 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(160, 175, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 175, 178) }
```

Border

The CSS property to change the border of an element to XYZ 37.8631, 41.3479, 48.1048 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(160, 175, 178) }
```


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

```
.border{ border-color:rgb(160, 175, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 175, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 175, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 175, 178);  
box-shadow:4px 4px 4px 4px rgb(160, 175,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 37.8631, 41.3479, 48.1048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 175, 178) }
```

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

```
.background{ background-color: rgb(160,  
175, 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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