

Converting Colors

XYZ(37.6713, 41.3885, 43.1557)

Have a look what the booklet for
XYZ(37.6713, 41.3885, 43.1557)
contains.

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Color

**XYZ(37.7077, 41.3796,
43.0454)**

Conversions

Conversions Part 1

Format	Color
Hex	A4AFA8
RGB	164, 175, 168
RGB Percent	64%, 69%, 66%
CMY	0.3569, 0.3137, 0.3412
CMYK	0.06, 0.00, 0.04, 0.31
HSL	142°, 6%, 66%
HSV	142°, 6%, 69%
XYZ	37.7077, 41.3796, 43.0454
YIQ	170.9130, -4.3090, -4.5090

Conversions

Conversions Part 2

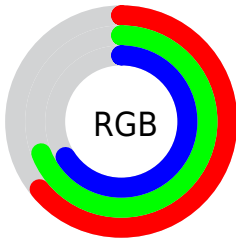
Format	Color
RYB	164, 172, 175
Decimal	10792872
CIELab	70.44, -5.20, 2.25
CIELCh	70, 5.662, 156.583
Yxy	41.3796, 0.3087, 0.3388
Android (android.graphics.Color)	4288982952 (0xFFA4AFA8)
YUV	170.9130, -1.4361, -6.0627
Hunter-Lab	64.3270, -7.9377, 5.3541

Details

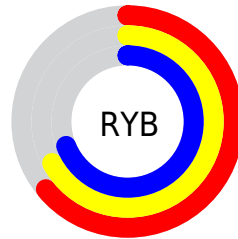
The XYZ color **37.7077, 41.3796, 43.0454** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.3069, 38.6062, 43.9629**, and the grayscale version is **38.6745, 40.6886, 44.3099**.

A 20% lighter version of the original color is **71.1086, 77.5396, 81.0309**, and **16.9174, 18.8716, 19.2739** is the 20% darker color. If you saturate the color by 10%, you get **33.3482, 39.2482, 37.6549**, and if you desaturate by 10%, it is **42.6555, 43.8064, 48.9292**.

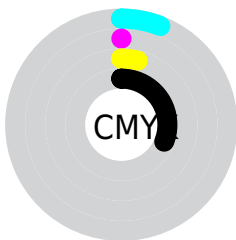
Distribution



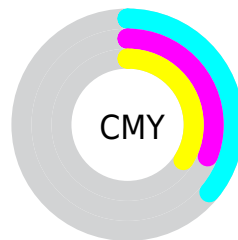
- Red (64%)
- Green (69%)
- Blue (66%)



- Red (64%)
- Yellow (67%)
- Blue (69%)



- Cyan (6%)
- Magenta (0%)
- Yellow (4%)
- Black (31%)



- Cyan (36%)
- Magenta (31%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.7077, 41.3796, 43.0454 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 37.7077, 41.3796, 43.0454 by changing the saturation by 10% instead.

■ 37.7077, 41.3796,
43.0454

■ 37.7077, 41.3796,
43.0454

327.6670,
351.9047, 374.7251

■ 25.9321, 28.6158,
29.5891

■ 70.9667, 77.2598,
81.0665

■ 16.9053, 18.7904,
19.2775

■ 93.1808, 101.1450,
106.4683

■ 10.2618, 11.5189,
11.6921

119.6051,
129.5062, 136.6890

■ 5.6365, 6.4170,
6.4144

150.6049,
162.7276, 172.1472

■ 2.6639, 3.1003,
3.0258

186.5457,
201.1938, 213.2613

■ 0.9786, 1.1843,
1.1078

227.7927,

■ 0.0000, 0.0488,

245.2891, 260.4500

0.0000

274.7114,
295.3979, 314.1318

■ 0.0000, 0.0000,
0.0000

■ 37.7077, 41.3796,
43.0454

■ 37.7077, 41.3796,
43.0454

■ 33.3482, 39.2482,
37.6549

■ 42.6555, 43.8064,
48.9292

■ 29.5510, 37.3954,
32.7424

■ 48.2092, 46.5338,
55.3156

■ 26.2935, 35.8112,
28.2956

■ 54.3900, 49.5738,
62.2175

■ 23.5501, 34.4825,
24.3008

■ 61.2172, 52.9359,
69.6460

■ 21.2930, 33.3953,
20.7434

■ 68.7089, 56.6295,
77.6121

■ 19.4917, 32.5342,
17.6083

■ 71.5418, 57.9099,
85.8766

■ 18.1121, 31.8820,
14.8794

■ 73.2007, 58.5735,
94.6121

■ 17.1148, 31.4187,
12.5394

■ 74.6208, 59.1415,
102.0903

■ 16.4480, 31.1178,
10.5693

Harmonies

Analogous

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



38.2712, 41.3796, 41.0568



37.7077, 41.3796, 43.0454



37.5758, 41.3796, 45.6466

Triad

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



37.7077, 41.3796, 43.0454



39.5360, 41.3796, 50.3510



40.7874, 41.3796, 42.0639

Complementary

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



37.7077, 41.3796, 43.0454



38.3069, 38.6062, 43.9629

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.



41.1381, 41.3796, 44.4693



37.7077, 41.3796, 43.0454



40.4083, 41.3796, 49.3055

Square

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



37.7077, 41.3796, 43.0454



38.6218, 41.3796, 49.9332



40.9983, 41.3796, 47.1269



40.0469, 41.3796, 40.5060

Rectangle

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



37.7077, 41.3796, 43.0454



37.7484, 41.3796, 47.3924



40.9983, 41.3796, 47.1269



40.9553, 41.3796, 42.7965

Sweetspot

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



37.7089, 41.3814, 43.0463



71.1685, 75.8905, 81.4618



38.8597, 42.0170, 41.1845



15.8394, 16.8780, 18.1313



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.



37.7089, 41.3814, 43.0463



66.0081, 73.3627, 75.2374



38.2180, 41.5850, 45.7272



8.0203, 8.9857, 9.1321



11.6606, 22.2295, 7.2523



0.3511, 0.6291, 0.3425

Inverse Universe

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



38.3069, 38.6062, 43.9629



67.3774, 67.0085, 77.3359



37.8068, 38.4062, 41.3296



8.2116, 8.0979, 9.4253



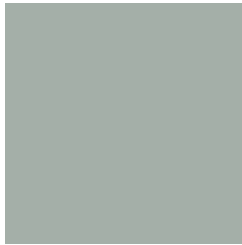
14.7607, 7.3668, 11.6514



0.4357, 0.2149, 0.4559

Previews

White Background



This preview shows how the XYZ color 37.7077, 41.3796, 43.0454 looks on a white background.

Color Contrast Check

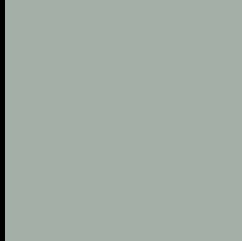
Large Text (above 18pt) WCAG AA × Fail

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 37.7077, 41.3796, 43.0454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

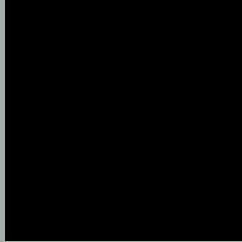
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

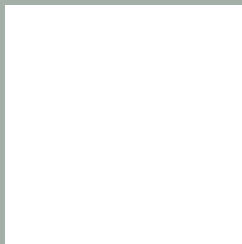
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.7077, 41.3796, 43.0454

Background



This preview shows how black text looks on a background with the XYZ color 37.7077, 41.3796, 43.0454.



This preview shows how white text looks on a background with the XYZ color 37.7077, 41.3796,

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

37.7077, 41.3796, 43.0454

Protanopia

39.5773, 41.2261, 41.9479

Deuteranopia

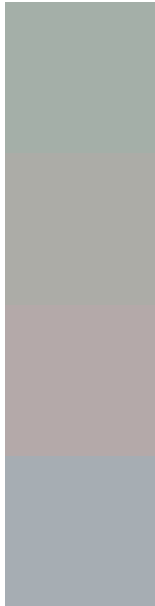
41.8782, 40.9935, 43.7355



Tritanopia

39.5518, 41.2657, 52.3348

Trichromacy



Original Color

37.7077, 41.3796, 43.0454

Protanomaly

38.7408, 41.0657, 42.4438

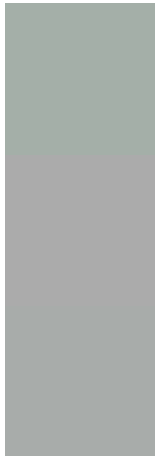
Deuteranomaly

40.1718, 40.9438, 43.3218

Tritanomaly

38.8061, 41.2488, 48.5643

Monochromacy



Original Color

37.7077, 41.3796, 43.0454

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.1567, 40.7322, 43.8812

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.7077, 41.3796, 43.0454 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(164, 175, 168) looks like.

```
.text, #text, p{  
    color:rgb(164, 175, 168)  
}
```

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(164, 175, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 175, 168) }
```

Border

The CSS property to change the border of an element to XYZ 37.7077, 41.3796, 43.0454 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(164, 175, 168) }
```


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

```
.border{ border-color:rgb(164, 175, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 175, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 175, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 175, 168);  
box-shadow:4px 4px 4px 4px rgb(164, 175,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 37.7077, 41.3796, 43.0454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 175, 168) }
```

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

```
.background{ background-color: rgb(164,  
175, 168) }
```

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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