

Converting Colors

XYZ(39.2807, 41.7982, 45.2663)

Have a look what the booklet for
XYZ(39.2807, 41.7982, 45.2663)
contains.

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Color

**XYZ(39.3770, 41.9086,
45.0435)**

Conversions

Conversions Part 1

Format	Color
Hex	ABAEAC
RGB	171, 174, 172
RGB Percent	67%, 68%, 67%
CMY	0.3294, 0.3176, 0.3255
CMYK	0.02, 0.00, 0.01, 0.32
HSL	140°, 2%, 68%
HSV	140°, 2%, 68%
XYZ	39.3770, 41.9086, 45.0435
YIQ	172.8750, -1.1460, -1.2580

Conversions

Conversions Part 2

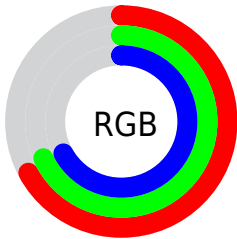
Format	Color
RYB	171, 173, 174
Decimal	11251372
CIELab	70.81, -1.43, 0.65
CIELCh	71, 1.572, 155.750
Yxy	41.9086, 0.3117, 0.3317
Android (android.graphics.Color)	4289441452 (0xFFABAEAC)
YUV	172.8750, -0.4314, -1.6444
Hunter-Lab	64.7369, -4.7146, 4.0622

Details

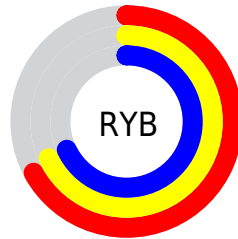
The XYZ color **39.3770, 41.9086, 45.0435** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.5628, 41.1426, 45.3933**, and the grayscale version is **39.6603, 41.7258, 45.4394**.

A 20% lighter version of the original color is **73.2485, 77.7534, 83.8203**, and **17.9574, 19.1971, 20.5282** is the 20% darker color. If you saturate the color by 10%, you get **34.7673, 39.6566, 39.2618**, and if you desaturate by 10%, it is **44.5854, 44.4604, 51.3631**.

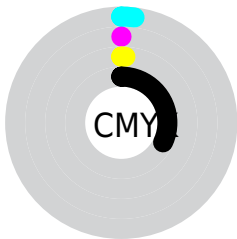
Distribution



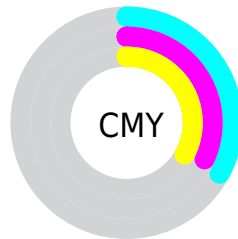
- Red (67%)
- Green (68%)
- Blue (67%)



- Red (67%)
- Yellow (68%)
- Blue (68%)



- Cyan (2%)
- Magenta (0%)
- Yellow (1%)
- Black (32%)



- Cyan (33%)
- Magenta (32%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.3770, 41.9086, 45.0435 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 39.3770, 41.9086, 45.0435 by changing the saturation by 10% instead.

■ 39.3770, 41.9086,
45.0435

■ 39.3770, 41.9086,
45.0435

334.6703,
354.1039, 383.1150

■ 27.2352, 29.0297,
31.1485

■ 73.5043, 78.0613,
84.1048

■ 17.8874, 19.1033,
20.4525

96.2205, 102.1039,
110.1082

■ 10.9684, 11.7450,
12.5371

123.1921,
130.6365, 140.9848

■ 6.1127, 6.5703,
6.9836

154.7846,
164.0436, 177.1532

■ 2.9551, 3.1948,
3.3736

191.3634,
202.7094, 219.0319

■ 1.1300, 1.2343,
1.2884

233.2936,

■ 0.0500, 0.0894,

247.0185, 267.0393

0.0523

280.9408,
297.3552, 321.5942

■ 0.0000, 0.0000,
0.0000

■ 39.3770, 41.9086,
45.0435

■ 39.3770, 41.9086,
45.0435

■ 34.7673, 39.6566,
39.2618

■ 44.5854, 44.4604,
51.3631

■ 30.7309, 37.6880,
34.0013

■ 50.4097, 47.3169,
58.2312

■ 27.2459, 35.9930,
29.2484

■ 56.8707, 50.4899,
65.6618

■ 24.2875, 34.5591,
24.9878

■ 63.9871, 53.9887,
73.6674

■ 21.8288, 33.3729,
21.2037

■ 70.6635, 57.2484,
82.2078

■ 19.8409, 32.4196,
17.8790

■ 72.3485, 57.9224,
91.0811

■ 18.2913, 31.6830,
14.9962

■ 74.1441, 58.6407,
100.5368

■ 17.1434, 31.1445,
12.5359

■ 74.4269, 58.7538,
102.0256

■ 16.3541, 30.7823,
10.4778

Harmonies

Analogous

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



39.5404, 41.9086, 44.4747



39.3770, 41.9086, 45.0435



39.3356, 41.9086, 45.7755

Triad

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



39.3770, 41.9086, 45.0435



39.8832, 41.9086, 47.0765



40.2416, 41.9086, 44.7967

Complementary

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



39.3770, 41.9086, 45.0435



39.5628, 41.1426, 45.3933

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.



40.3343, 41.9086, 45.4875



39.3770, 41.9086, 45.0435



40.1268, 41.9086, 46.8079

Square

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



39.3770, 41.9086, 45.0435



39.6271, 41.9086, 46.9545



40.2922, 41.9086, 46.2243



40.0394, 41.9086, 44.3333

Rectangle

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



39.3770, 41.9086, 45.0435



39.3825, 41.9086, 46.2587



40.2922, 41.9086, 46.2243



40.2866, 41.9086, 45.0097

Sweetspot

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



39.3782, 41.9104, 45.0444



72.0575, 76.3272, 82.4815



39.7330, 42.1044, 44.5613



16.0265, 16.9699, 18.3458



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.



39.3782, 41.9104, 45.0444



71.1497, 75.8830, 81.3630



39.5185, 41.9665, 45.7832



8.7886, 9.3622, 10.0519



11.5564, 22.1878, 6.7036



0.3473, 0.6276, 0.3223

Inverse Universe

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



39.5628, 41.1426, 45.3933



71.5438, 74.2441, 82.1078



39.4230, 41.0867, 44.6570



8.8330, 9.1773, 10.1358



14.9774, 7.4535, 12.7925



0.4406, 0.2169, 0.4821

Previews

White Background



This preview shows how the XYZ color 39.3770, 41.9086, 45.0435 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 39.3770, 41.9086, 45.0435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

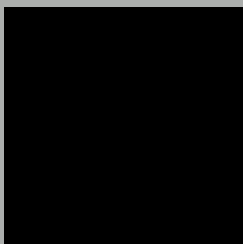
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

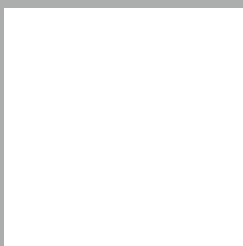
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.3770, 41.9086, 45.0435

Background



This preview shows how black text looks on a background with the XYZ color 39.3770, 41.9086, 45.0435.



This preview shows how white text looks on a background with the XYZ color 39.3770, 41.9086,

45.0435.

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

39.3770, 41.9086, 45.0435

Protanopia

40.2347, 41.7924, 44.4742

Deuteranopia

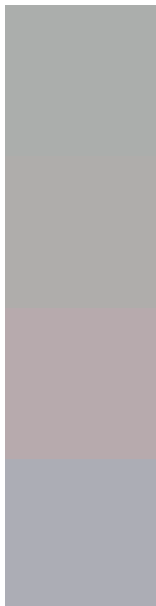
42.7807, 41.9695, 45.3813



Tritanopia

40.8490, 41.9345, 52.3956

Trichromacy



Original Color

39.3770, 41.9086, 45.0435

Protanomaly

39.9735, 41.9414, 44.5167

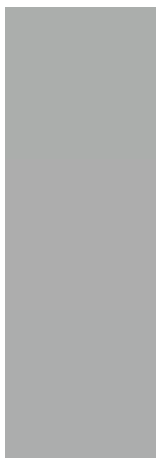
Deuteranomaly

41.4460, 41.8339, 45.4255

Tritanomaly

40.2973, 41.9940, 49.6978

Monochromacy



Original Color

39.3770, 41.9086, 45.0435

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

39.4997, 41.6749, 45.4974

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3770, 41.9086, 45.0435 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, 174, 172) looks like.

```
.text, #text, p{  
    color:rgb(171, 174, 172)  
}
```

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, 174, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 174, 172) }
```

Border

The CSS property to change the border of an element to XYZ 39.3770, 41.9086, 45.0435 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, 174, 172) }
```


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

```
.border{ border-color:rgb(171, 174, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 174, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 174, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 174, 172);  
box-shadow:4px 4px 4px 4px rgb(171, 174,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3770, 41.9086, 45.0435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 174, 172) }
```

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

```
.background{ background-color: rgb(171,  
174, 172) }
```

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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