

Converting Colors

XYZ(39.7609, 41.9422, 47.4314)

Have a look what the booklet for
XYZ(39.7609, 41.9422, 47.4314)
contains.

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Color

**XYZ(39.8665, 42.1044,
47.6207)**

Conversions

Conversions Part 1

Format	Color
Hex	ABAEB1
RGB	171, 174, 177
RGB Percent	67%, 68%, 69%
CMY	0.3294, 0.3176, 0.3059
CMYK	0.03, 0.02, 0.00, 0.31
HSL	210°, 4%, 68%
HSV	210°, 3%, 69%
XYZ	39.8665, 42.1044, 47.6207
YIQ	173.4450, -2.7510, 0.2970

Conversions

Conversions Part 2

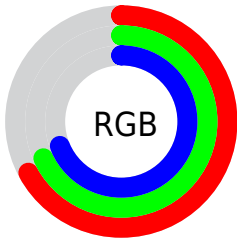
Format	Color
RYB	171, 173, 177
Decimal	11251377
CIELab	70.94, -0.48, -1.91
CIELCh	71, 1.970, 256.001
Yxy	42.1044, 0.3076, 0.3249
Android (android.graphics.Color)	4289441457 (0xFFABAEB1)
YUV	173.4450, 1.7526, -2.1443
Hunter-Lab	64.8879, -3.8852, 1.9091

Details

The XYZ color **39.8665, 42.1044, 47.6207** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.6183, 42.5591, 44.6027**, and the grayscale version is **39.9411, 42.0211, 45.7610**.

A 20% lighter version of the original color is **74.0913, 78.0906, 88.2587**, and **18.2054, 19.2962, 21.8338** is the 20% darker color. If you saturate the color by 10%, you get **34.6143, 36.9450, 46.9023**, and if you desaturate by 10%, it is **45.7499, 47.7584, 48.4026**.

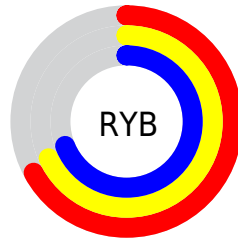
Distribution



Red (67%)

Green (68%)

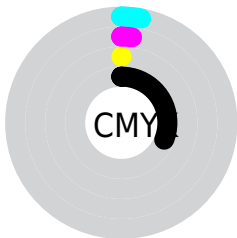
Blue (69%)



Red (67%)

Yellow (68%)

Blue (69%)

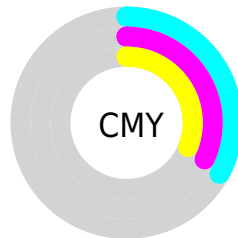


Cyan (3%)

Magenta (2%)

Yellow (0%)

Black (31%)



Cyan (33%)

Magenta (32%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.8665, 42.1044, 47.6207 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 39.8665, 42.1044, 47.6207 by changing the saturation by 10% instead.

■ 39.8665, 42.1044,
47.6207

■ 39.8665, 42.1044,
47.6207

336.7046,
354.9155, 393.7520

■ 27.6182, 29.1830,
33.1688

■ 74.2458, 78.3576,
87.9991

■ 18.1770, 19.2193,
21.9836

97.1076, 102.4582,
114.7625

■ 11.1776, 11.8289,
13.6466

124.2378,
131.0541, 146.4670

■ 6.2546, 6.6273,
7.7394

156.0020,
164.5296, 183.5309

■ 3.0426, 3.2301,
3.8433

192.7654,
203.2691, 226.3728

■ 1.1764, 1.2530,
1.5398

234.8934,

■ 0.0876, 0.1044,

247.6570, 275.4112

0.2473

282.7514,
298.0777, 331.0648

■ 0.0000, 0.0000,
0.0000

■ 39.8665, 42.1044,
47.6207

■ 39.8665, 42.1044,
47.6207

■ 34.6143, 36.9450,
46.9023

■ 45.7499, 47.7584,
48.4026

■ 29.9671, 32.2601,
46.2430

■ 52.2822, 53.9158,
49.2468

■ 25.9022, 28.0359,
45.6418

■ 59.4849, 60.5919,
50.1558

■ 22.3940, 24.2558,
45.0971

■ 67.3774, 67.7995,
51.1310

■ 19.4149, 20.9019,
44.6068

■ 74.3023, 74.6872,
52.0955

■ 16.9346, 17.9552,
44.1687

■ 76.6596, 79.4018,
52.8812

■ 14.9196, 15.3945,
43.7807

■ 79.1411, 84.3648,
53.7084

■ 13.3314, 13.1961,
43.4400

■ 81.7487, 89.5799,
54.5776

■ 12.1245, 11.3326,
43.1439

■ 84.4840, 95.0505,
55.4894

Harmonies

Analogous

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



39.5822, 42.1044, 47.1570



39.8665, 42.1044, 47.6207



40.1932, 42.1044, 47.6039

Triad

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



39.8665, 42.1044, 47.6207



40.6287, 42.1044, 45.3481



39.5667, 42.1044, 44.6005

Complementary

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



39.8665, 42.1044, 47.6207



40.6183, 42.5591, 44.6027

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.



39.8453, 42.1044, 44.1290



39.8665, 42.1044, 47.6207



40.4590, 42.1044, 44.5566

Square

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



39.8665, 42.1044, 47.6207



40.6344, 42.1044, 46.2831



40.1718, 42.1044, 44.1131



39.4097, 42.1044, 45.4087

Rectangle

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



39.8665, 42.1044, 47.6207



40.3911, 42.1044, 47.3223



40.1718, 42.1044, 44.1131



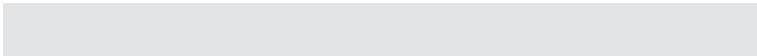
39.6492, 42.1044, 44.3978

Sweetspot

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



39.8677, 42.1062, 47.6216



73.7968, 77.7309, 85.6094



40.1476, 43.1550, 46.2077



16.0052, 16.8574, 18.5546



84.5950, 89.0005, 96.9216



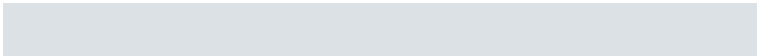
16.2198, 17.0645, 18.5832

Same Dimension

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



39.8677, 42.1062, 47.6216



70.7270, 74.7549, 85.1967



39.3129, 40.9966, 47.4367



8.9506, 9.4666, 10.8618



8.3739, 7.5482, 31.1526



0.3218, 0.3542, 0.9996

Inverse Universe

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



40.3353, 41.5298, 45.9367



71.7291, 73.5265, 81.5845



41.1852, 43.6928, 44.7917



9.0968, 9.2883, 10.3347



14.4614, 7.3021, 7.5898



0.4845, 0.2415, 0.3939

Previews

White Background



This preview shows how the XYZ color 39.8665, 42.1044, 47.6207 looks on a white background.

Color Contrast Check

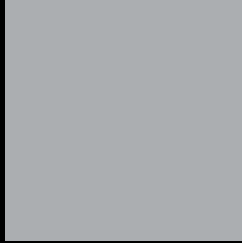
Large Text (above 18pt) WCAG AA × Fail

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 39.8665, 42.1044, 47.6207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

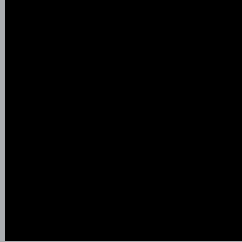
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

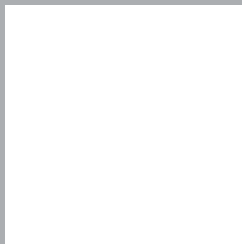
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.8665, 42.1044, 47.6207

Background



This preview shows how black text looks on a background with the XYZ color 39.8665, 42.1044, 47.6207.

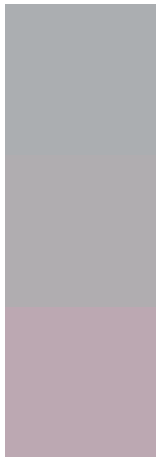


This preview shows how white text looks on a background with the XYZ color 39.8665, 42.1044,

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

39.8665, 42.1044, 47.6207

Protanopia

40.6845, 42.2518, 47.0854

Deuteranopia

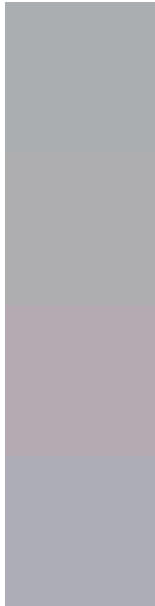
42.7776, 41.9110, 47.9545



Tritanopia

40.8198, 42.2030, 52.4489

Trichromacy



Original Color

39.8665, 42.1044, 47.6207

Protanomaly

40.2356, 42.0204, 47.0644

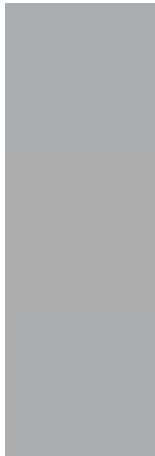
Deuteranomaly

41.7020, 41.9089, 48.0108

Tritanomaly

40.5041, 42.0767, 50.7866

Monochromacy



Original Color

39.8665, 42.1044, 47.6207

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

39.5968, 41.7138, 46.0090

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.8665, 42.1044, 47.6207 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, 177)` looks like.

```
.text, #text, p{  
    color:rgb(171, 174, 177)  
}
```

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, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 174, 177) }
```

Border

The CSS property to change the border of an element to XYZ 39.8665, 42.1044, 47.6207 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, 177) }
```


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

```
.border{ border-color:rgb(171, 174, 177) }
```

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, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 174, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 174, 177);  
box-shadow:4px 4px 4px 4px rgb(171, 174,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 39.8665, 42.1044, 47.6207 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, 177) }
```

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

```
.background{ background-color: rgb(171,  
174, 177) }
```

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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