

Converting Colors

XYZ(39.4523, 42.1962, 49.6301)

Have a look what the booklet for
XYZ(39.4523, 42.1962, 49.6301)
contains.

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Color

**XYZ(39.3963, 42.1031,
49.7664)**

Conversions

Conversions Part 1

Format	Color
Hex	A6AFB5
RGB	166, 175, 181
RGB Percent	65%, 69%, 71%
CMY	0.3490, 0.3137, 0.2902
CMYK	0.08, 0.03, 0.00, 0.29
HSL	204°, 9%, 68%
HSV	204°, 8%, 71%
XYZ	39.3963, 42.1031, 49.7664
YIQ	172.9930, -7.2900, -0.0420

Conversions

Conversions Part 2

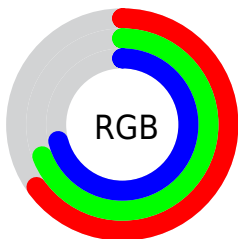
Format	Color
R_{YB}	166, 172, 181
Decimal	10923957
CIE Lab	70.94, -1.95, -4.16
CIE LCh	71, 4.594, 244.884
Yxy	42.1031, 0.3001, 0.3207
Android (android.graphics.Color)	4289114037 (0xFFA6AFB5)
YUV	172.9930, 3.9475, -6.1329
Hunter-Lab	64.8869, -5.1752, -0.0529

Details

The XYZ color **39.3963, 42.1031, 49.7664** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.6916, 42.0816, 42.0549**, and the grayscale version is **39.7011, 41.7686, 45.4860**.

A 20% lighter version of the original color is **73.4017, 78.0802, 91.3231**, and **17.9187, 19.3018, 23.2033** is the 20% darker color. If you saturate the color by 10%, you get **34.4952, 37.5423, 49.1451**, and if you desaturate by 10%, it is **44.9094, 47.0937, 50.4398**.

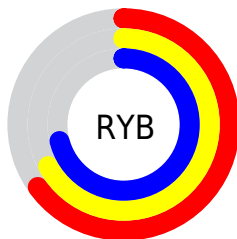
Distribution



Red (65%)

Green (69%)

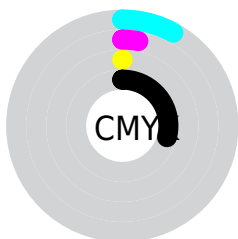
Blue (71%)



Red (65%)

Yellow (67%)

Blue (71%)

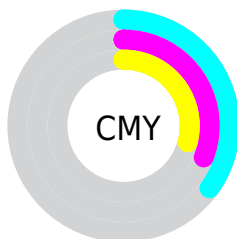


Cyan (8%)

Magenta (3%)

Yellow (0%)

Black (29%)



Cyan (35%)

Magenta (31%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.3963, 42.1031, 49.7664 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 39.3963, 42.1031, 49.7664 by changing the saturation by 10% instead.

■ 39.3963, 42.1031,
49.7664

■ 39.3963, 42.1031,
49.7664

334.7507,
354.9101, 402.4606

■ 27.2503, 29.1820,
34.8579

■ 73.5335, 78.3556,
91.2214

■ 17.8988, 19.2186,
23.2708

■ 96.2555, 102.4559,
118.6050

■ 10.9766, 11.8283,
14.5864

123.2334,
131.0513, 150.9841

■ 6.1183, 6.6269,
8.3863

154.8327,
164.5264, 188.7772

■ 2.9585, 3.2299,
4.2518

191.4187,
203.2654, 232.4029

■ 1.1318, 1.2529,
1.7645

233.3568,

■ 0.0515, 0.1043,

247.6527, 282.2797

0.4044

281.0124,
298.0729, 338.8260

■ 0.0000, 0.0000,
0.0000

■ 39.3963, 42.1031,
49.7664

■ 39.3963, 42.1031,
49.7664

■ 34.4952, 37.5423,
49.1451

■ 44.9094, 47.0937,
50.4398

■ 30.1790, 33.3923,
48.5715

■ 51.0528, 52.5219,
51.1637

■ 26.4241, 29.6401,
48.0452

■ 57.8486, 58.4019,
51.9405

■ 23.2035, 26.2702,
47.5645

■ 65.3168, 64.7455,
52.7713

■ 20.4882, 23.2656,
47.1276

■ 72.9216, 71.2781,
53.6314

■ 18.2458, 20.6077,
46.7328

■ 74.7623, 74.9595,
54.2450

■ 16.4399, 18.2758,
46.3779

■ 76.6850, 78.8049,
54.8859

■ 15.0282, 16.2461,
46.0605

■ 78.6907, 82.8164,
55.5545

■ 13.9417, 14.4808,
45.7770

■ 80.7804, 86.9958,
56.2510

Harmonies

Analogous

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



38.8226, 42.1031, 48.2962



39.3963, 42.1031, 49.7664



40.1432, 42.1031, 50.1723

Triad

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



39.3963, 42.1031, 49.7664



41.5021, 42.1031, 45.4852



39.1819, 42.1031, 42.4718

Complementary

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



39.3963, 42.1031, 49.7664



40.6916, 42.0816, 42.0549

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.



39.8926, 42.1031, 41.7704



39.3963, 42.1031, 49.7664



41.2372, 42.1031, 43.4745

Square

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



39.3963, 42.1031, 49.7664



41.3652, 42.1031, 47.6555



40.6457, 42.1031, 42.1316



38.6999, 42.1031, 44.0773

Rectangle

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



39.3963, 42.1031, 49.7664



40.6402, 42.1031, 49.7740



40.6457, 42.1031, 42.1316



39.4016, 42.1031, 42.1248

Sweetspot

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



39.3975, 42.1049, 49.7673



76.6021, 80.9045, 89.8734



39.6728, 44.1244, 45.3305



16.5799, 17.5076, 19.4277



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.



39.3975, 42.1049, 49.7673



68.8266, 73.8142, 88.9146



38.0235, 39.3569, 49.3093



8.4519, 9.0500, 10.8077



9.5620, 9.9244, 31.5486



0.3561, 0.4227, 1.0111

Inverse Universe

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



40.4311, 40.1921, 46.1864



71.0788, 69.7006, 81.0991



42.1099, 44.9181, 42.5276



8.7033, 8.5880, 9.9359



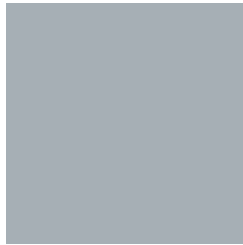
15.0611, 7.5420, 10.7477



0.5018, 0.2485, 0.4849

Previews

White Background



This preview shows how the XYZ color 39.3963, 42.1031, 49.7664 looks on a white background.

Color Contrast Check

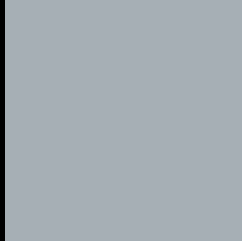
Large Text (above 18pt) WCAG AA × Fail

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 39.3963, 42.1031, 49.7664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

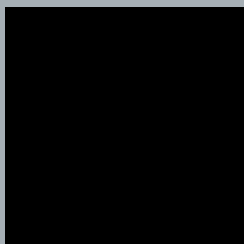
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

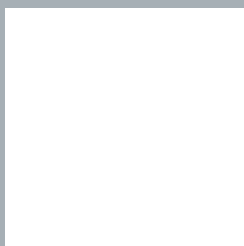
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.3963, 42.1031, 49.7664

Background



This preview shows how black text looks on a background with the XYZ color 39.3963, 42.1031, 49.7664.



This preview shows how white text looks on a background with the XYZ color 39.3963, 42.1031,

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

39.3963, 42.1031, 49.7664

Protanopia

40.6699, 41.9143, 49.1267

Deuteranopia

42.6958, 41.8218, 50.0781



Tritanopia

40.1495, 42.1184, 53.5905

Trichromacy



Original Color

39.3963, 42.1031, 49.7664

Protanomaly

40.1950, 41.9531, 49.1593

Deuteranomaly

41.5968, 42.0869, 50.1872

Tritanomaly

39.8294, 41.9904, 51.9047

Monochromacy



Original Color

39.3963, 42.1031, 49.7664

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

39.5501, 41.9527, 47.0875

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3963, 42.1031, 49.7664 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(166, 175, 181) looks like.

```
.text, #text, p{  
    color:rgb(166, 175, 181)  
}
```

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(166, 175, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 175, 181) }
```

Border

The CSS property to change the border of an element to XYZ 39.3963, 42.1031, 49.7664 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(166, 175, 181) }
```


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

```
.border{ border-color:rgb(166, 175, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 175, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 175, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 175, 181);  
box-shadow:4px 4px 4px 4px rgb(166, 175,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3963, 42.1031, 49.7664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 175, 181) }
```

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

```
.background{ background-color: rgb(166,  
175, 181) }
```

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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