

Converting Colors

XYZ(39.9022, 41.3779, 50.2146)

Have a look what the booklet for
XYZ(39.9022, 41.3779, 50.2146)
contains.

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Color

**XYZ(39.9906, 41.5404,
50.1663)**

Conversions

Conversions Part 1

Format	Color
Hex	ABACB6
RGB	171, 172, 182
RGB Percent	67%, 67%, 71%
CMY	0.3294, 0.3255, 0.2863
CMYK	0.06, 0.05, 0.00, 0.29
HSL	235°, 7%, 69%
HSV	235°, 6%, 71%
XYZ	39.9906, 41.5404, 50.1663
YIQ	172.8410, -3.8060, 2.8980

Conversions

Conversions Part 2

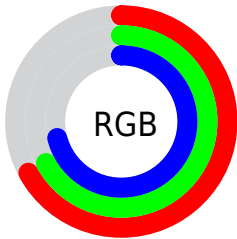
Format	Color
RYB	171, 172, 182
Decimal	11250870
CIELab	70.55, 1.59, -5.24
CIELCh	71, 5.479, 286.896
Yxy	41.5404, 0.3037, 0.3154
Android (android.graphics.Color)	4289440950 (0xFFABACB6)
YUV	172.8410, 4.5154, -1.6146
Hunter-Lab	64.4518, -2.0364, -1.0323

Details

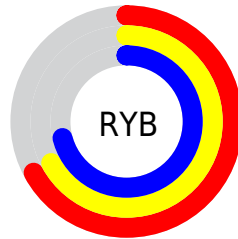
The XYZ color **39.9906, 41.5404, 50.1663** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.1660, 45.9326, 45.1195**, and the grayscale version is **39.6196, 41.6829, 45.3927**.

A 20% lighter version of the original color is **74.2657, 77.2800, 91.8912**, and **18.2867, 18.9399, 23.4608** is the 20% darker color. If you saturate the color by 10%, you get **33.3416, 33.7277, 49.0094**, and if you desaturate by 10%, it is **47.5797, 50.4218, 51.4812**.

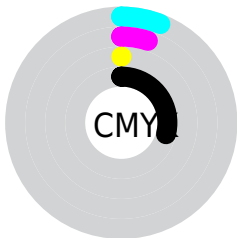
Distribution



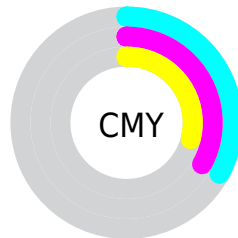
- Red (67%)
- Green (67%)
- Blue (71%)



- Red (67%)
- Yellow (67%)
- Blue (71%)



- Cyan (6%)
- Magenta (5%)
- Yellow (0%)
- Black (29%)



- Cyan (33%)
- Magenta (33%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.9906, 41.5404, 50.1663 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 39.9906, 41.5404, 50.1663 by changing the saturation by 10% instead.

■ 39.9906, 41.5404,
50.1663

■ 39.9906, 41.5404,
50.1663

337.2190,
352.5742, 404.0696

■ 27.7154, 28.7416,
35.1734

■ 74.4336, 77.5036,
91.8201

■ 18.2506, 18.8854,
23.5119

97.3322, 101.4367,
119.3181

■ 11.2308, 11.5875,
14.7631

124.5025,
129.8501, 151.8215

■ 6.2907, 6.4635,
8.5085

156.3101,
163.1281, 189.7490

■ 3.0650, 3.1289,
4.3296

193.1201,
201.6551, 233.5190

■ 1.1882, 1.1994,
1.8079

235.2981,

■ 0.0970, 0.0612,

245.8155, 283.5500

0.4331

283.2093,
295.9937, 340.2607

■ 0.0000, 0.0000,
0.0000

■ 39.9906, 41.5404,
50.1663

■ 39.9906, 41.5404,
50.1663

■ 33.3416, 33.7277,
49.0094

■ 47.5797, 50.4218,
51.4812

■ 27.5926, 26.9382,
48.0019

■ 56.1399, 60.4044,
52.9569

■ 22.7060, 21.1310,
47.1385

■ 65.7050, 71.5262,
54.5995

■ 18.6400, 16.2606,
46.4128

■ 76.3063, 83.8216,
56.4140

■ 15.3494, 12.2778,
45.8174

■ 85.3505, 95.9713,
58.2824

■ 12.7845, 9.1287,
45.3448

■ 85.4436, 96.1574,
58.3135

■ 10.8900, 6.7537,
44.9862

■ 9.6024, 5.0852,
44.7320

■ 8.8429, 4.0422,
44.5707

Harmonies

Analogous

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



39.0899, 41.5404, 50.2578



39.9906, 41.5404, 50.1663



40.7665, 41.5404, 48.7205

Triad

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



39.9906, 41.5404, 50.1663



40.6834, 41.5404, 41.6900



37.8129, 41.5404, 44.1104

Complementary

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



39.9906, 41.5404, 50.1663



43.1660, 45.9326, 45.1195

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.



38.2265, 41.5404, 41.9111



39.9906, 41.5404, 50.1663



39.8786, 41.5404, 40.5501

Square

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



39.9906, 41.5404, 50.1663



41.1707, 41.5404, 43.7980



38.9795, 41.5404, 40.6294



37.8419, 41.5404, 46.6938

Rectangle

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



39.9906, 41.5404, 50.1663



41.1045, 41.5404, 47.2135



38.9795, 41.5404, 40.6294



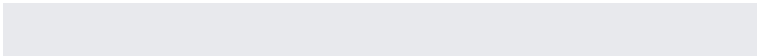
37.9045, 41.5404, 43.3037

Sweetspot

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



39.9918, 41.5422, 50.1672



77.8125, 81.5341, 91.8722



41.8534, 45.4466, 50.2290



17.2180, 18.0454, 20.2972



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



39.9918, 41.5422, 50.1672



71.1278, 73.7008, 90.7125



40.7762, 41.6642, 50.1494



8.8785, 9.1919, 11.3857



6.1222, 2.7041, 31.4523



0.2380, 0.1396, 1.1162

Inverse Universe

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



41.3016, 42.0503, 44.9715



73.9061, 74.7830, 79.6908



42.3477, 45.8145, 45.1399



9.2442, 9.3346, 9.9350



13.7039, 7.0553, 1.0615



0.4943, 0.2532, 0.0963

Previews

White Background



This preview shows how the XYZ color 39.9906, 41.5404, 50.1663 looks on a white background.

Color Contrast Check

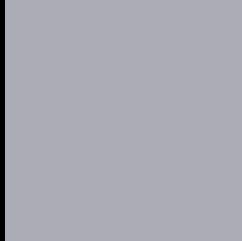
Large Text (above 18pt) WCAG AA × Fail

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 39.9906, 41.5404, 50.1663 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

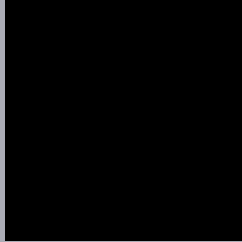
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.9906, 41.5404, 50.1663

Background



This preview shows how black text looks on a background with the XYZ color 39.9906, 41.5404, 50.1663.



This preview shows how white text looks on a background with the XYZ color 39.9906, 41.5404,

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

39.9906, 41.5404, 50.1663

Protanopia

40.2400, 41.3875, 50.1237

Deuteranopia

42.1331, 41.2467, 50.5405



Tritanopia

40.3041, 41.6658, 51.8170

Trichromacy



Original Color

39.9906, 41.5404, 50.1663

Protanomaly

40.0197, 41.2739, 50.1134

Deuteranomaly

41.3256, 41.3785, 50.6085

Tritanomaly

40.1988, 41.6237, 51.2629

Monochromacy



Original Color

39.9906, 41.5404, 50.1663

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

39.7933, 41.7924, 47.0437

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.9906, 41.5404, 50.1663 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, 172, 182)` looks like.

```
.text, #text, p{  
    color:rgb(171, 172, 182)  
}
```

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, 172, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 172, 182) }
```

Border

The CSS property to change the border of an element to XYZ 39.9906, 41.5404, 50.1663 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, 172, 182) }
```


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

```
.border{ border-color:rgb(171, 172, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 172, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 172, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 172, 182);  
box-shadow:4px 4px 4px 4px rgb(171, 172,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 39.9906, 41.5404, 50.1663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 172, 182) }
```

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

```
.background{ background-color: rgb(171,  
172, 182) }
```

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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