

Converting Colors

XYZ(40.8513, 43.2501, 51.1406)

Have a look what the booklet for
XYZ(40.8513, 43.2501, 51.1406)
contains.

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Color

**XYZ(40.6501, 43.0156,
50.9601)**

Conversions

Conversions Part 1

Format	Color
Hex	AAB0B7
RGB	170, 176, 183
RGB Percent	67%, 69%, 72%
CMY	0.3333, 0.3098, 0.2823
CMYK	0.07, 0.04, 0.00, 0.28
HSL	212°, 8%, 69%
HSV	212°, 7%, 72%
XYZ	40.6501, 43.0156, 50.9601
YIQ	175.0040, -5.8230, 0.9050

Conversions

Conversions Part 2

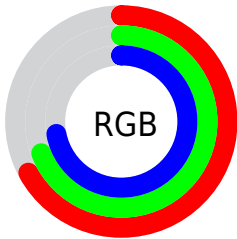
Format	Color
RYB	170, 174, 183
Decimal	11186359
CIELab	71.57, -0.72, -4.31
CIELCh	72, 4.367, 260.452
Yxy	43.0156, 0.3019, 0.3195
Android (android.graphics.Color)	4289376439 (0xFFAAB0B7)
YUV	175.0040, 3.9420, -4.3885
Hunter-Lab	65.5863, -4.1424, -0.1575

Details

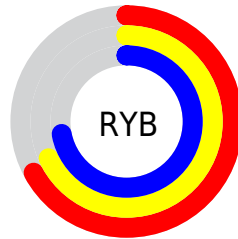
The XYZ color **40.6501, 43.0156, 50.9601** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.5064, 44.4134, 44.3631**, and the grayscale version is **40.7330, 42.8543, 46.6684**.

A 20% lighter version of the original color is **75.4879, 79.9528, 93.1151**, and **18.7081, 19.8786, 23.9700** is the 20% darker color. If you saturate the color by 10%, you get **35.1047, 37.3941, 50.1680**, and if you desaturate by 10%, it is **46.8889, 49.2049, 51.8266**.

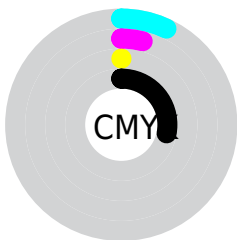
Distribution



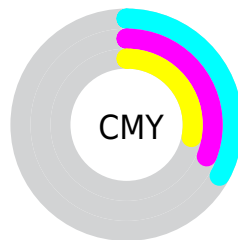
- Red (67%)
- Green (69%)
- Blue (72%)



- Red (67%)
- Yellow (68%)
- Blue (72%)



- Cyan (7%)
- Magenta (4%)
- Yellow (0%)
- Black (28%)



- Cyan (33%)
- Magenta (31%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.6501, 43.0156, 50.9601 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 40.6501, 43.0156, 50.9601 by changing the saturation by 10% instead.

■ 40.6501, 43.0156,
50.9601

■ 40.6501, 43.0156,
50.9601

339.9437,
358.6759, 407.2509

■ 28.2322, 29.8974,
35.8003

■ 75.4305, 79.7344,
93.0067

■ 18.6421, 19.7607,
23.9916

98.5238, 104.1037,
120.7306

■ 11.5145, 12.2212,
15.1152

125.9062,
132.9922, 153.4797

■ 6.4838, 6.8945,
8.7528

157.9432,
166.7843, 191.6724

■ 3.1849, 3.3962,
4.4857

195.0001,
205.8643, 235.7273

■ 1.2523, 1.3419,
1.8954

237.4423,

■ 0.1471, 0.1733,

250.6166, 286.0630

0.4898

285.6350,
301.4257, 343.0980

■ 0.0000, 0.0000,
0.0000

■ 40.6501, 43.0156,
50.9601

■ 40.6501, 43.0156,
50.9601

■ 35.1047, 37.3941,
50.1680

■ 46.8889, 49.2049,
51.8266

■ 30.2233, 32.3174,
49.4454

■ 53.8415, 55.9734,
52.7666

■ 25.9800, 27.7688,
48.7910

■ 61.5320, 63.3387,
53.7829

■ 22.3455, 23.7286,
48.2027

■ 69.9825, 71.3162,
54.8773

■ 19.2882, 20.1754,
47.6781

■ 76.7811, 78.6664,
55.9378

■ 16.7732, 17.0863,
47.2144

■ 79.5252, 84.1547,
56.8525

■ 14.7616, 14.4360,
46.8088

■ 82.4256, 89.9553,
57.8192

■ 13.2083, 12.1957,
46.4583

■ 85.4845, 96.0732,
58.8389

■ 12.0508, 10.3273,
46.1586

■ 85.5474, 96.1989,
58.8598

Harmonies

Analogous

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



39.9881, 43.0156, 50.0411



40.6501, 43.0156, 50.9601



41.3829, 43.0156, 50.7489

Triad

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



40.6501, 43.0156, 50.9601



42.2292, 43.0156, 45.4308



39.8005, 43.0156, 44.2962

Complementary

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



40.6501, 43.0156, 50.9601



42.5064, 44.4134, 44.3631

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.



40.3912, 43.0156, 43.1308



40.6501, 43.0156, 50.9601



41.7953, 43.0156, 43.7721

Square

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



40.6501, 43.0156, 50.9601



42.3005, 43.0156, 47.5141



41.1209, 43.0156, 42.9419



39.5015, 43.0156, 46.1658

Rectangle

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



40.6501, 43.0156, 50.9601



41.8127, 43.0156, 49.9980



41.1209, 43.0156, 42.9419



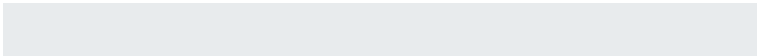
39.9712, 43.0156, 43.8115

Sweetspot

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



40.6513, 43.0174, 50.9610



78.3121, 82.5334, 92.0388



41.4409, 45.5854, 48.1755



17.3228, 18.2549, 20.3321



88.6918, 93.3107, 101.6153



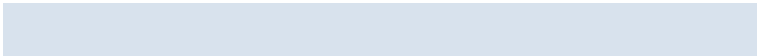
17.8044, 18.7317, 20.3988

Same Dimension

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



40.6513, 43.0174, 50.9610



70.6743, 74.9018, 90.9683



39.5940, 40.7634, 50.5817



8.8537, 9.3845, 11.4242



8.2689, 6.9975, 32.1679



0.3535, 0.3707, 1.1547

Inverse Universe

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



41.7406, 41.9521, 46.9740



73.1626, 72.5154, 81.8494



43.6154, 46.7842, 44.7623



9.1725, 9.0794, 10.2557



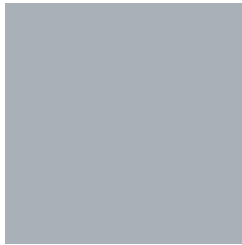
14.7874, 7.4887, 6.7674



0.5526, 0.2765, 0.4034

Previews

White Background



This preview shows how the XYZ color 40.6501, 43.0156, 50.9601 looks on a white background.

Color Contrast Check

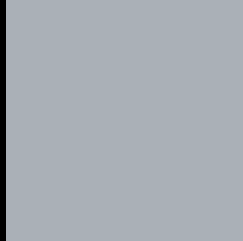
Large Text (above 18pt) WCAG AA × Fail

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 40.6501, 43.0156, 50.9601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

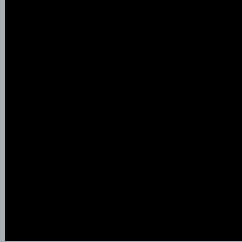
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

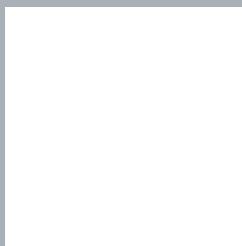
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.6501, 43.0156, 50.9601

Background



This preview shows how black text looks on a background with the XYZ color 40.6501, 43.0156, 50.9601.



This preview shows how white text looks on a background with the XYZ color 40.6501, 43.0156,

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

40.6501, 43.0156, 50.9601

Protanopia

41.4840, 42.8796, 50.3461

Deuteranopia

43.7655, 42.9015, 51.3215



Tritanopia

41.3099, 42.9920, 54.2651

Trichromacy



Original Color

40.6501, 43.0156, 50.9601

Protanomaly

41.2290, 43.0360, 50.3897

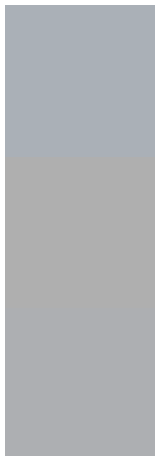
Deuteranomaly

42.4603, 42.7895, 51.3687

Tritanomaly

41.0942, 42.9057, 53.1294

Monochromacy



Original Color

40.6501, 43.0156, 50.9601

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.5994, 42.7585, 48.2329

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.6501, 43.0156, 50.9601 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(170, 176, 183)` looks like.

```
.text, #text, p{  
    color:rgb(170, 176, 183)  
}
```

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(170, 176, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 176, 183) }
```

Border

The CSS property to change the border of an element to XYZ 40.6501, 43.0156, 50.9601 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(170, 176, 183) }
```


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

```
.border{ border-color:rgb(170, 176, 183) }
```

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

Here you see how a box with a 4 pixel rgb(170, 176, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 176, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 176, 183);  
box-shadow:4px 4px 4px 4px rgb(170, 176,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 40.6501, 43.0156, 50.9601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 176, 183) }
```

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

```
.background{ background-color: rgb(170,  
176, 183) }
```

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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