

Converting Colors

XYZ(40.9508, 44.7545, 47.3566)

Have a look what the booklet for
XYZ(40.9508, 44.7545, 47.3566)
contains.

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Color

**XYZ(40.9379, 44.7284,
47.5501)**

Conversions

Conversions Part 1

Format	Color
Hex	AAB5B0
RGB	170, 181, 176
RGB Percent	67%, 71%, 69%
CMY	0.3333, 0.2902, 0.3098
CMYK	0.06, 0.00, 0.03, 0.29
HSL	153°, 7%, 69%
HSV	153°, 6%, 71%
XYZ	40.9379, 44.7284, 47.5501
YIQ	177.1410, -4.9510, -3.8870

Conversions

Conversions Part 2

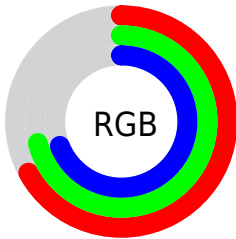
Format	Color
RYB	170, 177, 181
Decimal	11187632
CIELab	72.71, -4.78, 1.22
CIELCh	73, 4.934, 165.743
Yxy	44.7284, 0.3073, 0.3358
Android (android.graphics.Color)	4289377712 (0xFFAAB5B0)
YUV	177.1410, -0.5625, -6.2627
Hunter-Lab	66.8793, -7.7760, 4.6613

Details

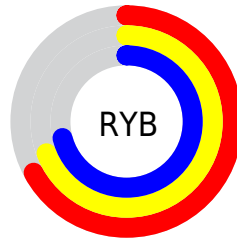
The XYZ color **40.9379, 44.7284, 47.5501** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **41.1703, 41.6695, 46.4326**, and the grayscale version is **41.8698, 44.0503, 47.9708**.

A 20% lighter version of the original color is **75.9010, 82.4021, 88.2487**, and **18.8285, 20.7451, 22.0806** is the 20% darker color. If you saturate the color by 10%, you get **36.5017, 42.5339, 43.2203**, and if you desaturate by 10%, it is **45.9648, 47.2242, 52.1672**.

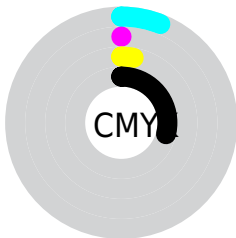
Distribution



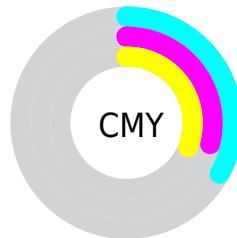
- Red (67%)
- Green (71%)
- Blue (69%)



- Red (67%)
- Yellow (69%)
- Blue (71%)



- Cyan (6%)
- Magenta (0%)
- Yellow (3%)
- Black (29%)



- Cyan (33%)
- Magenta (29%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.9379, 44.7284, 47.5501 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 40.9379, 44.7284, 47.5501 by changing the saturation by 10% instead.

■ 40.9379, 44.7284,
47.5501

■ 40.9379, 44.7284,
47.5501

341.1280,
365.6725, 393.4632

■ 28.4580, 31.2436,
33.1133

■ 75.8649, 82.3127,
87.8927

■ 18.8134, 20.7844,
21.9414

99.0428, 107.1809,
114.6356

■ 11.6387, 12.9665,
13.6160

126.5173,
136.6124, 146.3176

■ 6.5686, 7.4055,
7.7184

158.6539,
170.9916, 183.3573

■ 3.2377, 3.7169,
3.8301

195.8179,
210.7027, 226.1731

■ 1.2807, 1.5165,
1.5326

238.3747,

■ 0.1687, 0.3003,

256.1303, 275.1837

0.2420

286.6896,
307.6588, 330.8075

■ 0.0000, 0.0000,
0.0000

■ 40.9379, 44.7284,
47.5501

■ 40.9379, 44.7284,
47.5501

■ 36.5017, 42.5339,
43.2203

■ 45.9648, 47.2242,
52.1672

■ 32.6296, 40.6235,
39.1691

■ 51.6001, 50.0265,
57.0740

■ 29.2986, 38.9865,
35.3919

■ 57.8654, 53.1477,
62.2768

■ 26.4827, 37.6096,
31.8826

■ 64.7800, 56.5976,
67.7806

■ 24.1536, 36.4783,
28.6349

■ 70.3088, 59.3271,
73.4943

■ 22.2800, 35.5767,
25.6424

■ 71.4074, 59.7665,
79.2795

■ 20.8269, 34.8869,
22.8980

■ 72.5602, 60.2277,
85.3500

■ 19.7538, 34.3880,
20.3945

■ 73.7679, 60.7107,
91.7095

■ 19.0085, 34.0532,
18.1237

■ 75.0312, 61.2161,
98.3621

Harmonies

Analogous

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



41.3452, 44.7284, 45.4860



40.9379, 44.7284, 47.5501



40.9487, 44.7284, 49.9916

Triad

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



40.9379, 44.7284, 47.5501



42.9611, 44.7284, 53.3802



43.6718, 44.7284, 45.4035

Complementary

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



40.9379, 44.7284, 47.5501



41.1703, 41.6695, 46.4326

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.



44.1167, 44.7284, 47.4341



40.9379, 44.7284, 47.5501



43.7026, 44.7284, 52.0654

Square

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



40.9379, 44.7284, 47.5501



42.1090, 44.7284, 53.4138



44.1280, 44.7284, 49.8716



42.9196, 44.7284, 44.2751

Rectangle

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



40.9379, 44.7284, 47.5501



41.1912, 44.7284, 51.5069



44.1280, 44.7284, 49.8716



43.8627, 44.7284, 46.0001

Sweetspot

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



40.9392, 44.7303, 47.5511



76.8294, 81.8484, 88.4409



41.4903, 45.0815, 44.5456



16.6265, 17.7007, 19.1345



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.



40.9392, 44.7303, 47.5511



72.4442, 79.6742, 84.3299



41.3690, 44.7831, 50.1820



8.7623, 9.6572, 10.2070



12.9694, 23.4137, 12.1074



0.4370, 0.7483, 0.5335

Inverse Universe

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



41.1703, 41.6695, 46.4326



72.9254, 73.3008, 82.0011



40.7567, 41.6142, 43.9150



8.8233, 8.8490, 9.9117



14.2287, 7.2090, 6.3644



0.4772, 0.2386, 0.3559

Previews

White Background



This preview shows how the XYZ color 40.9379, 44.7284, 47.5501 looks on a white background.

Color Contrast Check

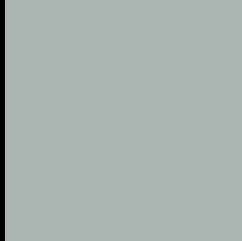
Large Text (above 18pt) WCAG AA × Fail

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 40.9379, 44.7284, 47.5501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

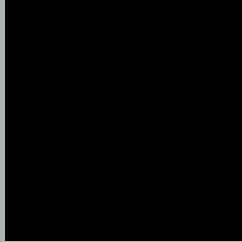
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

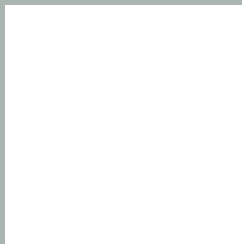
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.9379, 44.7284, 47.5501

Background



This preview shows how black text looks on a background with the XYZ color 40.9379, 44.7284, 47.5501.



This preview shows how white text looks on a background with the XYZ color 40.9379, 44.7284,

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

40.9379, 44.7284, 47.5501

Protanopia

42.6535, 44.4454, 46.3751

Deuteranopia

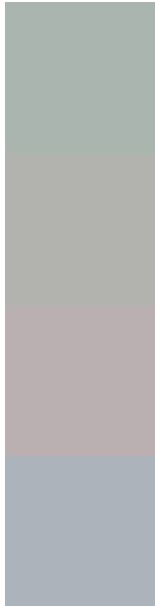
45.4851, 44.7036, 48.3508



Tritanopia

42.7796, 44.5753, 56.8012

Trichromacy



Original Color

40.9379, 44.7284, 47.5501

Protanomaly

42.0184, 44.4009, 46.9131

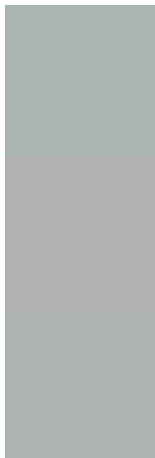
Deuteranomaly

43.7108, 44.6641, 47.9122

Tritanomaly

42.1030, 44.5987, 53.4031

Monochromacy



Original Color

40.9379, 44.7284, 47.5501

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.3118, 44.0138, 47.9131

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.9379, 44.7284, 47.5501 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, 181, 176)` looks like.

```
.text, #text, p{  
    color:rgb(170, 181, 176)  
}
```

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, 181, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 181, 176) }
```

Border

The CSS property to change the border of an element to XYZ 40.9379, 44.7284, 47.5501 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, 181, 176) }
```


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

```
.border{ border-color:rgb(170, 181, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 181, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 181, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 181, 176);  
box-shadow:4px 4px 4px 4px rgb(170, 181,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 40.9379, 44.7284, 47.5501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 181, 176) }
```

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

```
.background{ background-color: rgb(170,  
181, 176) }
```

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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