

Converting Colors

XYZ(40.1372, 43.3723, 46.1418)

Have a look what the booklet for
XYZ(40.1372, 43.3723, 46.1418)
contains.

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Color

**XYZ(40.1379, 43.4428,
46.3142)**

Conversions

Conversions Part 1

Format	Color
Hex	AAB2AE
RGB	170, 178, 174
RGB Percent	67%, 70%, 68%
CMY	0.3333, 0.3019, 0.3176
CMYK	0.04, 0.00, 0.02, 0.30
HSL	150°, 5%, 68%
HSV	150°, 4%, 70%
XYZ	40.1379, 43.4428, 46.3142
YIQ	175.1520, -3.4840, -2.9400

Conversions

Conversions Part 2

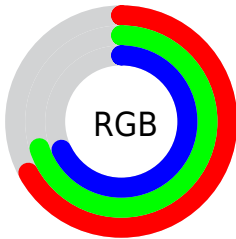
Format	Color
RYB	170, 175, 178
Decimal	11186862
CIELab	71.85, -3.56, 1.06
CIELCh	72, 3.714, 163.389
Yxy	43.4428, 0.3090, 0.3344
Android (android.graphics.Color)	4289376942 (0xFFAAB2AE)
YUV	175.1520, -0.5679, -4.5183
Hunter-Lab	65.9112, -6.6434, 4.4761

Details

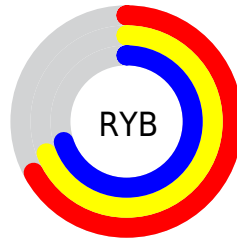
The XYZ color **40.1379, 43.4428, 46.3142** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.3763, 41.2715, 45.8846**, and the grayscale version is **40.8314, 42.9578, 46.7810**.

A 20% lighter version of the original color is **74.6170, 80.5103, 85.7361**, and **18.3177, 19.9239, 21.2926** is the 20% darker color. If you saturate the color by 10%, you get **35.7082, 41.2574, 41.7256**, and if you desaturate by 10%, it is **45.1487, 45.9235, 51.2322**.

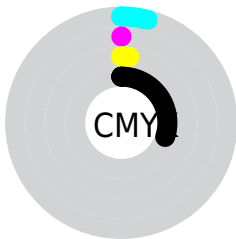
Distribution



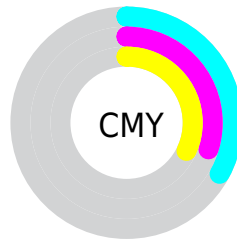
- Red (67%)
- Green (70%)
- Blue (68%)



- Red (67%)
- Yellow (69%)
- Blue (70%)



- Cyan (4%)
- Magenta (0%)
- Yellow (2%)
- Black (30%)



- Cyan (33%)
- Magenta (30%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.1379, 43.4428, 46.3142 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 40.1379, 43.4428, 46.3142 by changing the saturation by 10% instead.

■ 40.1379, 43.4428,
46.3142

■ 40.1379, 43.4428,
46.3142

337.8289,
360.4296, 388.3846

■ 27.8308, 30.2327,
32.1434

■ 74.6565, 80.3786,
86.0283

■ 18.3379, 20.0153,
21.2053

97.5986, 104.8732,
112.4086

■ 11.2940, 12.4062,
13.0815

124.8165,
133.8979, 143.6958

■ 6.3337, 7.0209,
7.3533

156.6754,
167.8374, 180.3085

■ 3.0916, 3.4752,
3.6022

193.5407,
207.0759, 222.6652

■ 1.2024, 1.3846,
1.4098

235.7779,

■ 0.1083, 0.2053,

251.9978, 271.1844

0.1493

283.7522,
302.9876, 326.2847

■ 0.0000, 0.0000,
0.0000

■ 40.1379, 43.4428,
46.3142

■ 40.1379, 43.4428,
46.3142

■ 35.7082, 41.2574,
41.7256

■ 45.1487, 45.9235,
51.2322

■ 31.8339, 39.3506,
37.4567

■ 50.7576, 48.7046,
56.4832

■ 28.4931, 37.7124,
33.5014

■ 56.9854, 51.7979,
62.0747

■ 25.6606, 36.3301,
29.8525

■ 63.8509, 55.2128,
68.0128

■ 23.3093, 35.1896,
26.5022

■ 69.8839, 58.1915,
74.2339

■ 21.4094, 34.2760,
23.4426

■ 71.0845, 58.6717,
80.5559

■ 19.9278, 33.5721,
20.6654

■ 72.3486, 59.1774,
87.2128

■ 18.8261, 33.0585,
18.1617

■ 73.6773, 59.7089,
94.2096

■ 18.0585, 32.7115,
15.9219

■ 75.0714, 60.2665,
101.5510

Harmonies

Analogous

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



40.4622, 43.4428, 44.8183



40.1379, 43.4428, 46.3142



40.1206, 43.4428, 48.1120

Triad

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



40.1379, 43.4428, 46.3142



41.5730, 43.4428, 50.7677



42.1802, 43.4428, 44.9519

Complementary

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



40.1379, 43.4428, 46.3142



40.3763, 41.2715, 45.8846

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.



42.4842, 43.4428, 46.5008



40.1379, 43.4428, 46.3142



42.1312, 43.4428, 49.8754

Square

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



40.1379, 43.4428, 46.3142



40.9448, 43.4428, 50.7146



42.4661, 43.4428, 48.3034



41.6393, 43.4428, 44.0457

Rectangle

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



40.1379, 43.4428, 46.3142



40.2851, 43.4428, 49.2423



42.4661, 43.4428, 48.3034



42.3137, 43.4428, 45.4130

Sweetspot

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



40.1391, 43.4447, 46.3152



75.8252, 80.2829, 87.0191



40.6629, 43.7591, 44.3339



16.8097, 17.7919, 19.2896



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.



40.1391, 43.4447, 46.3152



72.2829, 78.5315, 83.4776



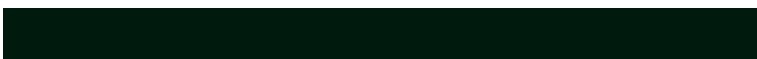
40.5219, 43.5978, 48.3310



8.9428, 9.7476, 10.3355



12.7123, 23.3109, 10.7537



0.4294, 0.7452, 0.4934

Inverse Universe

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



40.3763, 41.2715, 45.8846



72.7677, 74.0906, 82.5976



40.0044, 41.1227, 43.9260



9.0090, 9.1418, 10.2154



14.4597, 7.3014, 7.5809



0.4844, 0.2415, 0.3936

Previews

White Background



This preview shows how the XYZ color 40.1379, 43.4428, 46.3142 looks on a white background.

Color Contrast Check

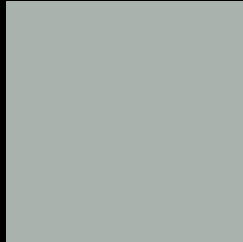
Large Text (above 18pt) WCAG AA × Fail

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 40.1379, 43.4428, 46.3142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

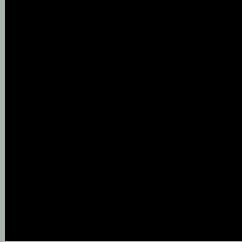
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.1379, 43.4428, 46.3142

Background



This preview shows how black text looks on a background with the XYZ color 40.1379, 43.4428, 46.3142.



This preview shows how white text looks on a background with the XYZ color 40.1379, 43.4428,

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

40.1379, 43.4428, 46.3142

Protanopia

41.5988, 43.3418, 45.2030

Deuteranopia

44.2035, 43.2215, 47.0871



Tritanopia

41.8329, 43.5390, 54.9142

Trichromacy



Original Color

40.1379, 43.4428, 46.3142

Protanomaly

40.9727, 43.2979, 45.7330

Deuteranomaly

42.6890, 43.2966, 46.6646

Tritanomaly

41.1685, 43.5629, 51.5861

Monochromacy



Original Color

40.1379, 43.4428, 46.3142

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.4968, 43.0301, 46.7287

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.1379, 43.4428, 46.3142 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, 178, 174) looks like.

```
.text, #text, p{  
    color:rgb(170, 178, 174)  
}
```

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, 178, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 178, 174) }
```

Border

The CSS property to change the border of an element to XYZ 40.1379, 43.4428, 46.3142 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, 178, 174) }
```


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

```
.border{ border-color:rgb(170, 178, 174) }
```

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

Here you see how a box with a 4 pixel rgb(170, 178, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 178, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 178, 174);  
box-shadow:4px 4px 4px 4px rgb(170, 178,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 40.1379, 43.4428, 46.3142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 178, 174) }
```

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

```
.background{ background-color: rgb(170,  
178, 174) }
```

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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