

Converting Colors

XYZ(43.0241, 46.9159, 52.1819)

Have a look what the booklet for
XYZ(43.0241, 46.9159, 52.1819)
contains.

XYZ(43.0139, 46.9293, 52.1386)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(43.0139, 46.9293,
52.1386)**

Conversions

Conversions Part 1

Format	Color
Hex	ACB9B8
RGB	172, 185, 184
RGB Percent	67%, 73%, 72%
CMY	0.3255, 0.2745, 0.2784
CMYK	0.07, 0.00, 0.01, 0.27
HSL	175°, 8%, 70%
HSV	175°, 7%, 73%
XYZ	43.0139, 46.9293, 52.1386
YIQ	180.9990, -7.4270, -3.0670

Conversions

Conversions Part 2

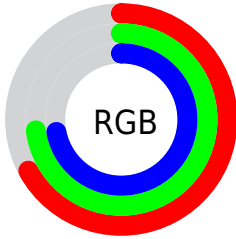
Format	Color
R_{YB}	172, 179, 185
Decimal	11319736
CIE _{Lab}	74.14, -4.68, -1.05
CIE _{LCh}	74, 4.792, 192.632
Yxy	46.9293, 0.3027, 0.3303
Android (android.graphics.Color)	4289509816 (0xFFACB9B8)
YUV	180.9990, 1.4795, -7.8921
Hunter-Lab	68.5050, -7.8045, 2.8283

Details

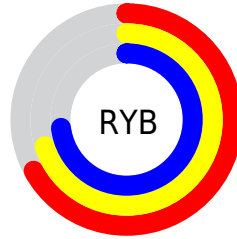
The XYZ color **43.0139, 46.9293, 52.1386** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.3046, 42.8376, 45.5760**, and the grayscale version is **43.9167, 46.2038, 50.3159**.

A 20% lighter version of the original color is **78.8620, 85.5328, 94.7911**, and **20.0937, 22.1343, 24.6860** is the 20% darker color. If you saturate the color by 10%, you get **39.0844, 44.9221, 51.1786**, and if you desaturate by 10%, it is **47.5128, 49.2325, 53.1351**.

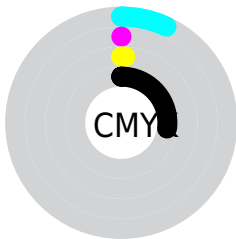
Distribution



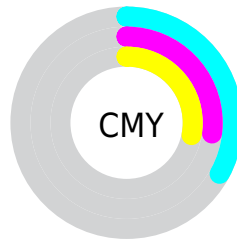
- Red (67%)
- Green (73%)
- Blue (72%)



- Red (67%)
- Yellow (70%)
- Blue (73%)



- Cyan (7%)
- Magenta (0%)
- Yellow (1%)
- Black (27%)



- Cyan (33%)
- Magenta (27%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.0139, 46.9293, 52.1386 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 43.0139, 46.9293, 52.1386 by changing the saturation by 10% instead.

■ 43.0139, 46.9293,
52.1386

■ 43.0139, 46.9293,
52.1386

349.5895,
374.5323, 411.9436

■ 30.0906, 32.9798,
36.7326

■ 78.9874, 85.6081,
94.7643

■ 20.0558, 22.1109,
24.7063

102.7683,
111.1061, 122.8210

■ 12.5441, 13.9384,
15.6414

130.8992,
141.2224, 155.9317

■ 7.1902, 8.0779,
9.1191

163.7453,
176.3415, 194.5149

■ 3.6287, 4.1448,
4.7211

201.6720,
216.8476, 238.9891

■ 1.4943, 1.7549,
2.0287

245.0447,

■ 0.3220, 0.4588,

263.1251, 289.7730

0.5728

294.2287,
315.5586, 347.2850

■ 0.0000, 0.0000,
0.0000

■ 43.0139, 46.9293,
52.1386

■ 43.0139, 46.9293,
52.1386

■ 39.0844, 44.9221,
51.1786

■ 47.5128, 49.2325,
53.1351

■ 35.6972, 43.1929,
50.2509

■ 52.5991, 51.8370,
54.1659

■ 32.8287, 41.7310,
49.3553

■ 58.2947, 54.7555,
55.2332

■ 30.4521, 40.5225,
48.4905

■ 64.6195, 57.9981,
56.3379

■ 28.5384, 39.5525,
47.6552

■ 68.0089, 59.7274,
57.3133

■ 27.0553, 38.8042,
46.8478

■ 68.1669, 59.7906,
58.1453

■ 25.9663, 38.2590,
46.0665

■ 68.3265, 59.8544,
58.9855

■ 25.2292, 37.8950,
45.3095

■ 68.4876, 59.9188,
59.8337

■ 24.7844, 37.6815,
44.5738

■ 68.6502, 59.9839,
60.6901

Harmonies

Analogous

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



43.0484, 46.9293, 49.7002



43.0139, 46.9293, 52.1386



43.4018, 46.9293, 54.3663

Triad

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



43.0139, 46.9293, 52.1386



45.7319, 46.9293, 54.6546



45.0993, 46.9293, 46.7188

Complementary

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



43.0139, 46.9293, 52.1386



42.3046, 42.8376, 45.5760

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.



45.8300, 46.9293, 47.9634



43.0139, 46.9293, 52.1386



46.1985, 46.9293, 52.5218

Square

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



43.0139, 46.9293, 52.1386



44.9668, 46.9293, 55.8499



46.2346, 46.9293, 50.0714



44.2450, 46.9293, 46.6236

Rectangle

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



43.0139, 46.9293, 52.1386



43.8506, 46.9293, 55.4112



46.2346, 46.9293, 50.0714



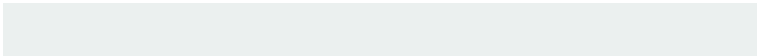
45.3678, 46.9293, 47.0147

Sweetspot

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



43.0152, 46.9313, 52.1396



80.9306, 86.0414, 94.2595



42.0487, 46.5723, 45.8034



17.4655, 18.5582, 20.3245



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.



43.0152, 46.9313, 52.1396



76.2110, 83.6273, 93.1840



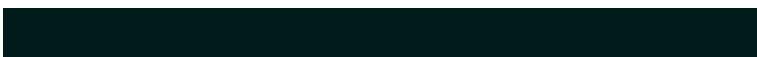
42.0088, 44.7495, 52.3248



9.2360, 10.1984, 11.4000



16.8129, 25.6261, 30.2663



0.6016, 0.9070, 1.1140

Inverse Universe

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



42.3046, 42.8376, 45.5760



74.7496, 75.2088, 79.6865



43.2602, 44.9035, 45.4174



9.0320, 9.0232, 9.5158



13.6897, 7.0496, 0.9870



0.4921, 0.2523, 0.0849

Previews

White Background



This preview shows how the XYZ color 43.0139, 46.9293, 52.1386 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 43.0139, 46.9293, 52.1386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

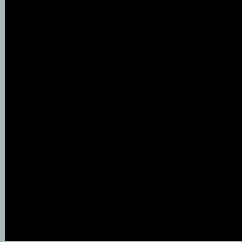
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.0139, 46.9293, 52.1386

Background



This preview shows how black text looks on a background with the XYZ color 43.0139, 46.9293, 52.1386.

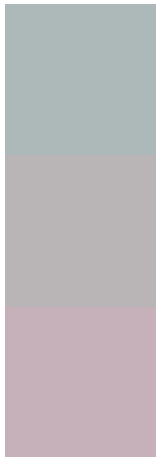


This preview shows how white text looks on a background with the XYZ color 43.0139, 46.9293,

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

43.0139, 46.9293, 52.1386

Protanopia

44.9750, 46.7394, 50.9071

Deuteranopia

47.6770, 46.6016, 52.9365



Tritanopia

44.4671, 46.8969, 59.5317

Trichromacy



Original Color

43.0139, 46.9293, 52.1386

Protanomaly

44.0976, 46.5781, 51.4660

Deuteranomaly

45.8633, 46.5618, 52.4690

Tritanomaly

43.8885, 46.9710, 56.6223

Monochromacy



Original Color

43.0139, 46.9293, 52.1386

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

43.5315, 46.2983, 50.8981

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0139, 46.9293, 52.1386 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(172, 185, 184) looks like.

```
.text, #text, p{  
    color:rgb(172, 185, 184)  
}
```

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(172, 185, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 185, 184) }
```

Border

The CSS property to change the border of an element to XYZ 43.0139, 46.9293, 52.1386 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(172, 185, 184) }
```


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

```
.border{ border-color:rgb(172, 185, 184) }
```

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

Here you see how a box with a 4 pixel rgb(172, 185, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 185, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 185, 184);  
box-shadow:4px 4px 4px 4px rgb(172, 185,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0139, 46.9293, 52.1386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 185, 184) }
```

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

```
.background{ background-color: rgb(172,  
185, 184) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor