

Converting Colors

XYZ(46.0572, 51.6893, 54.0039)

Have a look what the booklet for
XYZ(46.0572, 51.6893, 54.0039)
contains.

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Color

**XYZ(46.0572, 51.6893,
54.0039)**

Conversions

Conversions Part 1

Format	Color
Hex	AFC3BA
RGB	175, 195, 186
RGB Percent	69%, 76%, 73%
CMY	0.3137, 0.2353, 0.2706
CMYK	0.10, 0.00, 0.05, 0.24
HSL	153°, 14%, 73%
HSV	153°, 10%, 76%
XYZ	46.0572, 51.6893, 54.0039
YIQ	187.9940, -9.0310, -7.0390

Conversions

Conversions Part 2

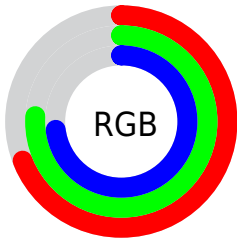
Format	Color
RYB	175, 188, 195
Decimal	11518906
CIELab	77.09, -8.54, 2.19
CIELCh	77, 8.821, 165.596
Yxy	51.6893, 0.3035, 0.3406
Android (android.graphics.Color)	4289708986 (0xFFAFC3BA)
YUV	187.9940, -0.9830, -11.3957
Hunter-Lab	71.8953, -11.4669, 5.7912

Details

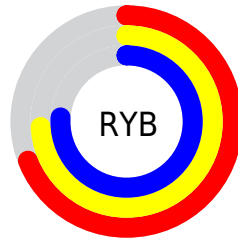
The XYZ color **46.0572, 51.6893, 54.0039** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.4892, 45.7240, 51.7252**, and the grayscale version is **47.8068, 50.2965, 54.7729**.

A 20% lighter version of the original color is **83.7924, 93.0205, 97.5428**, and **21.7846, 24.8808, 25.8446** is the 20% darker color. If you saturate the color by 10%, you get **41.0882, 49.2337, 49.0499**, and if you desaturate by 10%, it is **51.7185, 54.4981, 59.2917**.

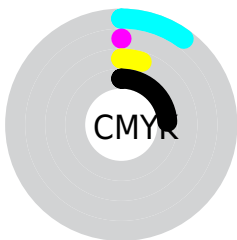
Distribution



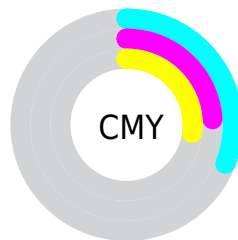
- Red (69%)
- Green (76%)
- Blue (73%)



- Red (69%)
- Yellow (74%)
- Blue (76%)



- Cyan (10%)
- Magenta (0%)
- Yellow (5%)
- Black (24%)



- Cyan (31%)
- Magenta (24%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.0572, 51.6893, 54.0039 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 46.0572, 51.6893, 54.0039 by changing the saturation by 10% instead.

■ 46.0572, 51.6893,
54.0039

■ 46.0572, 51.6893,
54.0039

361.7506,
393.2360, 419.2999

■ 32.4958, 36.7575,
38.2116

■ 83.5319, 92.6729,
97.5364

■ 21.8978, 25.0198,
25.8438

108.1760,
119.4934, 126.1137

■ 13.8980, 16.0918,
16.4821

137.2449,
151.0456, 159.7898

■ 8.1310, 9.5891,
9.7079

171.1041,
187.7139, 198.9831

■ 4.2314, 5.1274,
5.1027

210.1189,
229.8827, 244.1122

■ 1.8339, 2.3222,
2.2478

254.6547,

■ 0.5379, 0.7854,

277.9364, 295.5957

0.7018

305.0768,
332.2593, 353.8521

■ 0.0000, 0.0000,
0.0000

■ 46.0572, 51.6893,
54.0039

■ 46.0572, 51.6893,
54.0039

■ 41.0882, 49.2337,
49.0499

■ 51.7185, 54.4981,
59.2917

■ 36.7792, 47.1103,
44.4196

■ 58.0941, 57.6669,
64.9162

■ 33.1016, 45.3061,
40.1073

■ 65.2103, 61.2107,
70.8849

■ 30.0231, 43.8044,
36.1059

■ 73.0908, 65.1416,
77.2037

■ 27.5084, 42.5873,
32.4078

■ 75.0229, 65.9989,
83.5634

■ 25.5181, 41.6345,
29.0052

■ 76.2862, 66.5042,
90.2157

■ 24.0078, 40.9233,
25.8899

■ 77.6124, 67.0347,
97.1995

■ 22.9246, 40.4266,
23.0530

■ 78.8061, 67.5121,
103.4854

■ 22.1824, 40.0987,
20.5459

Harmonies

Analogous

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



46.8505, 51.6893, 50.0343



46.0572, 51.6893, 54.0039



46.0739, 51.6893, 58.8127

Triad

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



46.0572, 51.6893, 54.0039



50.0054, 51.6893, 65.7002



51.4314, 51.6893, 49.9083

Complementary

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



46.0572, 51.6893, 54.0039



46.4892, 45.7240, 51.7252

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.



52.3165, 51.6893, 53.8228



46.0572, 51.6893, 54.0039



51.4805, 51.6893, 63.0268

Square

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



46.0572, 51.6893, 54.0039



48.3275, 51.6893, 65.7556



52.3347, 51.6893, 58.6209



49.9396, 51.6893, 47.7630

Rectangle

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



46.0572, 51.6893, 54.0039



46.5413, 51.6893, 61.8567



52.3347, 51.6893, 58.6209



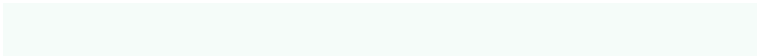
51.8112, 51.6893, 51.0506

Sweetspot

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



46.0587, 51.6915, 54.0050



89.6703, 96.1362, 103.4863



47.1018, 52.3592, 48.1820



19.4517, 20.9610, 22.4913



0.0000, 0.0000, 0.0000



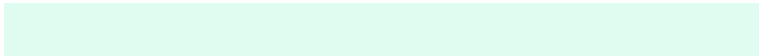
20.3446, 21.4041, 23.3091

Same Dimension

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



46.0587, 51.6915, 54.0050



80.6766, 91.6791, 94.9620



46.8973, 51.7884, 59.1567



10.1710, 11.3494, 11.9037



14.4595, 26.0779, 13.5789



0.6591, 1.1405, 0.7676

Inverse Universe

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



46.4892, 45.7240, 51.7252



81.5807, 79.1490, 90.1751



45.7051, 45.6186, 46.9545



10.2574, 10.1516, 11.4461



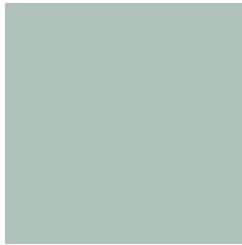
15.8072, 8.0126, 6.8967



0.7177, 0.3601, 0.4806

Previews

White Background



This preview shows how the XYZ color 46.0572, 51.6893, 54.0039 looks on a white background.

Color Contrast Check

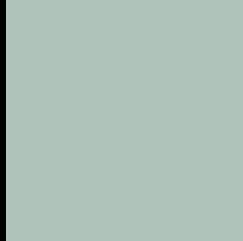
Large Text (above 18pt) WCAG AA × Fail

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 46.0572, 51.6893, 54.0039 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

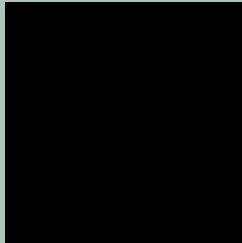
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

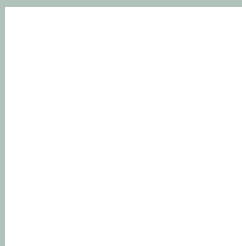
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 46.0572, 51.6893, 54.0039

Background



This preview shows how black text looks on a background with the XYZ color 46.0572, 51.6893, 54.0039.



This preview shows how white text looks on a background with the XYZ color 46.0572, 51.6893,

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

46.0572, 51.6893, 54.0039

Protanopia

49.2505, 51.4162, 52.1283

Deuteranopia

52.5121, 51.4671, 54.7434



Tritanopia

48.7025, 51.7880, 66.4607

Trichromacy



Original Color

46.0572, 51.6893, 54.0039

Protanomaly

48.0216, 51.4137, 52.7402

Deuteranomaly

49.9788, 51.4246, 54.3055

Tritanomaly

47.7389, 51.7284, 61.5013

Monochromacy



Original Color

46.0572, 51.6893, 54.0039

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

47.1289, 50.9167, 54.3577

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.0572, 51.6893, 54.0039 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(175, 195, 186)` looks like.

```
.text, #text, p{  
    color:rgb(175, 195, 186)  
}
```

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(175, 195, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 195, 186) }
```

Border

The CSS property to change the border of an element to XYZ 46.0572, 51.6893, 54.0039 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(175, 195, 186) }
```


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

```
.border{ border-color:rgb(175, 195, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 195, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 195, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 195, 186);  
box-shadow:4px 4px 4px 4px rgb(175, 195,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 46.0572, 51.6893, 54.0039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 195, 186) }
```

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

```
.background{ background-color: rgb(175,  
195, 186) }
```

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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