

Converting Colors

XYZ(42.9196, 46.7039, 54.1359)

Have a look what the booklet for
XYZ(42.9196, 46.7039, 54.1359)
contains.

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Color

**XYZ(43.0036, 46.8748,
54.3582)**

Conversions

Conversions Part 1

Format	Color
Hex	AAB9BC
RGB	170, 185, 188
RGB Percent	67%, 73%, 74%
CMY	0.3333, 0.2745, 0.2627
CMYK	0.10, 0.02, 0.00, 0.26
HSL	190°, 12%, 70%
HSV	190°, 10%, 74%
XYZ	43.0036, 46.8748, 54.3582
YIQ	180.8570, -9.9030, -2.2470

Conversions

Conversions Part 2

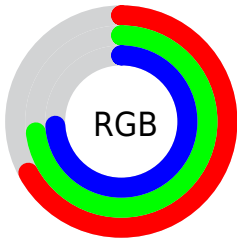
Format	Color
RYB	170, 178, 188
Decimal	11188668
CIELab	74.11, -4.56, -3.30
CIElCh	74, 5.624, 215.898
Yxy	46.8748, 0.2981, 0.3250
Android (android.graphics.Color)	4289378748 (0xFFAAB9BC)
YUV	180.8570, 3.5215, -9.5216
Hunter-Lab	68.4652, -7.6966, 0.8521

Details

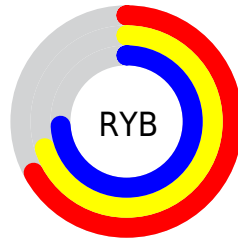
The XYZ color **43.0036, 46.8748, 54.3582** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.9385, 43.4805, 44.1604**, and the grayscale version is **43.8302, 46.1128, 50.2169**.

A 20% lighter version of the original color is **78.8358, 85.4498, 97.9263**, and **20.0957, 22.1033, 26.1289** is the 20% darker color. If you saturate the color by 10%, you get **38.5792, 43.6337, 53.9665**, and if you desaturate by 10%, it is **48.0263, 50.4483, 54.7840**.

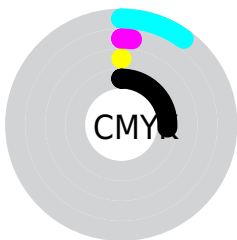
Distribution



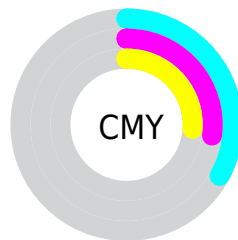
- Red (67%)
- Green (73%)
- Blue (74%)



- Red (67%)
- Yellow (70%)
- Blue (74%)



- Cyan (10%)
- Magenta (2%)
- Yellow (0%)
- Black (26%)



- Cyan (33%)
- Magenta (27%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.0036, 46.8748, 54.3582 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 43.0036, 46.8748, 54.3582 by changing the saturation by 10% instead.

■ 43.0036, 46.8748,
54.3582

■ 43.0036, 46.8748,
54.3582

349.5478,
374.3146, 420.6876

■ 30.0825, 32.9367,
38.4930

■ 78.9720, 85.5267,
98.0617

■ 20.0496, 22.0780,
26.0607

102.7499,
111.0093, 126.7370

■ 12.5396, 13.9142,
16.6429

130.8775,
141.1088, 160.5195

■ 7.1871, 8.0610,
9.8210

163.7202,
176.2097, 199.8276

■ 3.6267, 4.1340,
5.1764

201.6431,
216.6963, 245.0800

■ 1.4932, 1.7488,
2.2906

245.0118,

■ 0.3212, 0.4550,

262.9531, 296.6951

0.7259

294.1916,
315.3644, 355.0914

■ 0.0000, 0.0000,
0.0000

■ 43.0036, 46.8748,
54.3582

■ 43.0036, 46.8748,
54.3582

■ 38.5792, 43.6337,
53.9665

■ 48.0263, 50.4483,
54.7840

■ 34.7245, 40.7062,
53.6046

■ 53.6665, 54.3604,
55.2418

■ 31.4144, 38.0807,
53.2723

■ 59.9474, 58.6245,
55.7338

■ 28.6204, 35.7421,
52.9682

■ 66.8898, 63.2515,
56.2610

■ 26.3113, 33.6745,
52.6908

■ 71.1239, 66.5042,
56.6657

■ 24.4526, 31.8597,
52.4385

■ 71.8595, 67.9754,
56.9109

■ 23.0048, 30.2774,
52.2094

■ 72.6100, 69.4765,
57.1611

■ 21.9216, 28.9034,
52.0012

■ 73.3756, 71.0077,
57.4163

■ 21.1155, 27.6926,
51.8100

■ 74.1563, 72.5691,
57.6765

Harmonies

Analogous

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



42.6555, 46.8748, 51.6104



43.0036, 46.8748, 54.3582



43.7674, 46.8748, 56.2674

Triad

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



43.0036, 46.8748, 54.3582



46.3432, 46.8748, 53.3358



44.3545, 46.8748, 45.7213

Complementary

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



43.0036, 46.8748, 54.3582



42.9385, 43.4805, 44.1604

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.



45.3481, 46.8748, 46.1444



43.0036, 46.8748, 54.3582



46.5061, 46.8748, 50.4712

Square

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



43.0036, 46.8748, 54.3582



45.6976, 46.8748, 55.6617



46.1394, 46.8748, 47.8571



43.4279, 46.8748, 46.6790

Rectangle

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



43.0036, 46.8748, 54.3582



44.4148, 46.8748, 56.7694



46.1394, 46.8748, 47.8571



44.6917, 46.8748, 45.7072

Sweetspot

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



43.0050, 46.8768, 54.3592



83.7520, 89.1107, 99.0121



42.0753, 47.5188, 46.3383



17.8504, 19.0493, 21.2786



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



43.0050, 46.8768, 54.3592



76.5793, 83.9726, 98.3984



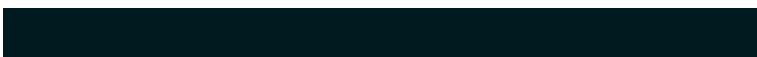
41.2396, 43.3461, 53.7708



9.6697, 10.5317, 12.1954



14.4009, 18.9135, 35.2846



0.6006, 0.8139, 1.3943

Inverse Universe

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



43.8718, 42.9445, 51.8781



78.3999, 75.7630, 93.1762



44.6621, 46.9276, 44.7349



9.8599, 9.6683, 11.6512



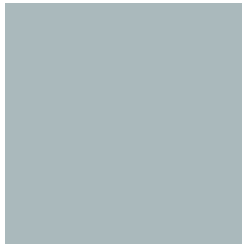
18.2697, 8.9390, 22.5115



0.7341, 0.3575, 0.9788

Previews

White Background



This preview shows how the XYZ color 43.0036, 46.8748, 54.3582 looks on a white background.

Color Contrast Check

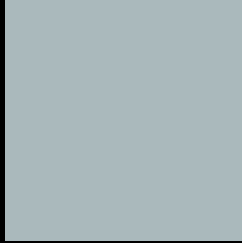
Large Text (above 18pt) WCAG AA × Fail

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 43.0036, 46.8748, 54.3582 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

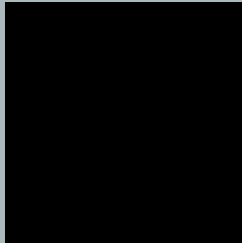
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

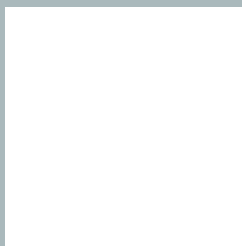
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.0036, 46.8748, 54.3582

Background



This preview shows how black text looks on a background with the XYZ color 43.0036, 46.8748, 54.3582.



This preview shows how white text looks on a background with the XYZ color 43.0036, 46.8748,

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

43.0036, 46.8748, 54.3582

Protanopia

45.1540, 46.7833, 53.1046

Deuteranopia

47.7814, 46.8977, 55.2490



Tritanopia

44.1398, 46.7148, 60.1165

Trichromacy



Original Color

43.0036, 46.8748, 54.3582

Protanomaly

44.2880, 46.6275, 53.6795

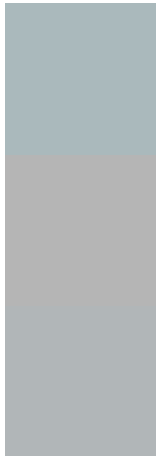
Deuteranomaly

46.0001, 46.8814, 54.7687

Tritanomaly

43.6727, 46.8339, 57.7770

Monochromacy



Original Color

43.0036, 46.8748, 54.3582

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

43.5111, 46.2637, 51.9839

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0036, 46.8748, 54.3582 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, 185, 188)` looks like.

```
.text, #text, p{  
    color:rgb(170, 185, 188)  
}
```

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, 185, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 185, 188) }
```

Border

The CSS property to change the border of an element to XYZ 43.0036, 46.8748, 54.3582 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, 185, 188) }
```


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

```
.border{ border-color:rgb(170, 185, 188) }
```

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

Here you see how a box with a 4 pixel rgb(170, 185, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 185, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 185, 188);  
box-shadow:4px 4px 4px 4px rgb(170, 185,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0036, 46.8748, 54.3582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 185, 188) }
```

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

```
.background{ background-color: rgb(170,  
185, 188) }
```

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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