

Converting Colors

XYZ(42.8584, 43.8690, 49.3585)

Have a look what the booklet for
XYZ(42.8584, 43.8690, 49.3585)
contains.

XYZ(42.8596, 43.9003, 49.3947)	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(42.8596, 43.9003,
49.3947)**

Conversions

Conversions Part 1

Format	Color
Hex	B6AFB4
RGB	182, 175, 180
RGB Percent	71%, 69%, 71%
CMY	0.2863, 0.3137, 0.2941
CMYK	0.00, 0.04, 0.01, 0.29
HSL	317°, 5%, 70%
HSV	317°, 4%, 71%
XYZ	42.8596, 43.9003, 49.3947
YIQ	177.6630, 2.5670, 3.0390

Conversions

Conversions Part 2

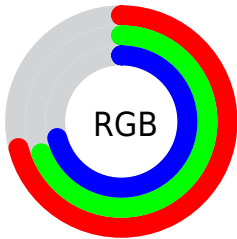
Format	Color
RYB	182, 175, 180
Decimal	11972532
CIELab	72.16, 3.41, -1.67
CIELCh	72, 3.799, 333.887
Yxy	43.9003, 0.3148, 0.3224
Android (android.graphics.Color)	4290162612 (0xFFB6AFB4)
YUV	177.6630, 1.1521, 3.8035
Hunter-Lab	66.2573, -0.4847, 2.1795

Details

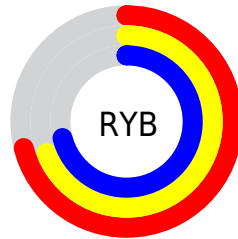
The XYZ color **42.8596, 43.9003, 49.3947** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.3446, 45.7454, 48.1951**, and the grayscale version is **42.1331, 44.3273, 48.2724**.

A 20% lighter version of the original color is **78.9761, 81.3851, 90.9033**, and **19.9670, 20.3654, 22.9572** is the 20% darker color. If you saturate the color by 10%, you get **39.0337, 37.0802, 45.5539**, and if you desaturate by 10%, it is **47.1853, 51.6870, 53.5013**.

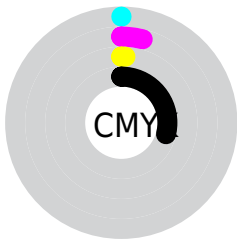
Distribution



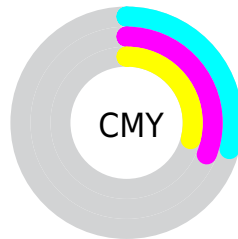
- Red (71%)
- Green (69%)
- Blue (71%)



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



- Cyan (0%)
- Magenta (4%)
- Yellow (1%)
- Black (29%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.8596, 43.9003, 49.3947 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 42.8596, 43.9003, 49.3947 by changing the saturation by 10% instead.

■ 42.8596, 43.9003,
49.3947

■ 42.8596, 43.9003,
49.3947

348.9654,
362.3013, 400.9611

■ 29.9690, 30.5921,
34.5649

■ 78.7560, 81.0677,
90.6644

■ 19.9630, 20.2885,
23.0470

102.4925,
105.6957, 117.9414

■ 12.4763, 12.6049,
14.4226

130.5750,
134.8658, 150.2046

■ 7.1434, 7.1571,
8.2731

163.3689,
168.9624, 187.8724

■ 3.5991, 3.5605,
4.1799

201.2395,
208.3698, 231.3634

■ 1.4779, 1.4309,
1.7246

244.5523,

■ 0.3107, 0.2393,

253.4725, 281.0962

0.3775

293.6724,
304.6549, 337.4892

■ 0.0000, 0.0000,
0.0000

■ 42.8596, 43.9003,
49.3947

■ 42.8596, 43.9003,
49.3947

■ 39.0337, 37.0802,
45.5539

■ 47.1853, 51.6870,
53.5013

■ 35.6847, 31.1831,
41.9687

■ 52.0253, 60.4705,
57.8780

■ 32.7934, 26.1702,
38.6320

■ 57.3978, 70.2868,
62.5324

■ 30.3378, 21.9980,
35.5355

■ 63.3194, 81.1682,
67.4711

■ 28.2942, 18.6192,
32.6701

■ 66.1938, 85.9221,
71.4962

■ 26.6363, 15.9819,
30.0260

■ 66.8365, 86.1792,
74.8808

■ 25.3349, 14.0278,
27.5922

■ 67.5003, 86.4447,
78.3765

■ 24.3563, 12.6900,
25.3563

■ 68.1855, 86.7188,
81.9845

■ 23.6599, 11.8877,
23.3036

■ 68.8922, 87.0014,
85.7057

Harmonies

Analogous

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



42.4275, 43.9003, 50.8370



42.8596, 43.9003, 49.3947



42.9868, 43.9003, 47.5575

Triad

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



42.8596, 43.9003, 49.3947



41.6412, 43.9003, 44.3130



40.6958, 43.9003, 49.8260

Complementary

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



42.8596, 43.9003, 49.3947



42.3446, 45.7454, 48.1951

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.



40.4899, 43.9003, 48.0433



42.8596, 43.9003, 49.3947



41.0321, 43.9003, 44.8863

Square

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



42.8596, 43.9003, 49.3947



42.2791, 43.9003, 44.6538



40.6124, 43.9003, 46.2399



41.1776, 43.9003, 51.0905

Rectangle

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



42.8596, 43.9003, 49.3947



42.8805, 43.9003, 46.3635



40.6124, 43.9003, 46.2399



40.5922, 43.9003, 49.2658

Sweetspot

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



42.8609, 43.9022, 49.3957



79.8291, 83.4039, 91.6081



41.9029, 43.3846, 50.4222



17.6407, 18.4373, 20.2420



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.



42.8609, 43.9022, 49.3957



76.7964, 77.9658, 88.6631



42.5106, 43.7621, 47.5511



9.5999, 9.7094, 11.0914



16.4975, 8.1728, 15.7725



0.6068, 0.2982, 0.6889

Inverse Universe

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



42.8609, 43.9022, 49.3957



76.7964, 77.9658, 88.6631



42.6961, 45.8860, 50.0462



9.5999, 9.7094, 11.0914



16.4975, 8.1728, 15.7725



0.6068, 0.2982, 0.6889

Previews

White Background



This preview shows how the XYZ color 42.8596, 43.9003, 49.3947 looks on a white background.

Color Contrast Check

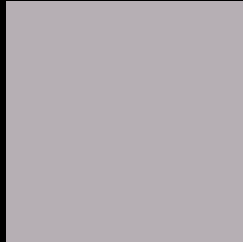
Large Text (above 18pt) WCAG AA × Fail

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 42.8596, 43.9003, 49.3947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

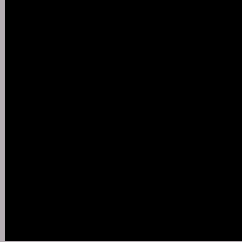
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

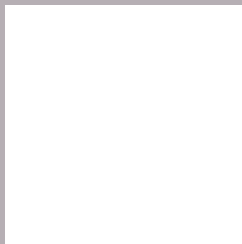
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.8596, 43.9003, 49.3947

Background



This preview shows how black text looks on a background with the XYZ color 42.8596, 43.9003, 49.3947.



This preview shows how white text looks on a background with the XYZ color 42.8596, 43.9003,

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

42.8596, 43.9003, 49.3947

Protanopia

42.4562, 43.9706, 49.9655

Deuteranopia

44.6416, 43.6685, 49.7921



Tritanopia

43.7416, 43.9702, 53.7586

Trichromacy



Original Color

42.8596, 43.9003, 49.3947

Protanomaly

42.6882, 44.0902, 49.9764

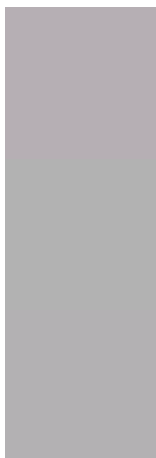
Deuteranomaly

43.8321, 43.5326, 49.8085

Tritanomaly

43.4214, 43.8422, 52.0728

Monochromacy



Original Color

42.8596, 43.9003, 49.3947

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

42.4492, 44.2827, 48.9579

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.8596, 43.9003, 49.3947 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(182, 175, 180)` looks like.

```
.text, #text, p{  
    color:rgb(182, 175, 180)  
}
```

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(182, 175, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 175, 180) }
```

Border

The CSS property to change the border of an element to XYZ 42.8596, 43.9003, 49.3947 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(182, 175, 180) }
```


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

```
.border{ border-color:rgb(182, 175, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 175, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 175, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 175, 180);  
box-shadow:4px 4px 4px 4px rgb(182, 175,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 42.8596, 43.9003, 49.3947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 175, 180) }
```

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

```
.background{ background-color: rgb(182,  
175, 180) }
```

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