

Converting Colors

XYZ(41.5010, 42.9575, 46.7953)

Have a look what the booklet for
XYZ(41.5010, 42.9575, 46.7953)
contains.

XYZ(41.4643, 42.9510, 46.6624)	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(41.4643, 42.9510,
46.6624)**

Conversions

Conversions Part 1

Format	Color
Hex	B3AEAF
RGB	179, 174, 175
RGB Percent	70%, 68%, 69%
CMY	0.2980, 0.3176, 0.3137
CMYK	0.00, 0.03, 0.02, 0.30
HSL	348°, 3%, 69%
HSV	348°, 3%, 70%
XYZ	41.4643, 42.9510, 46.6624
YIQ	175.6090, 2.6590, 1.3710

Conversions

Conversions Part 2

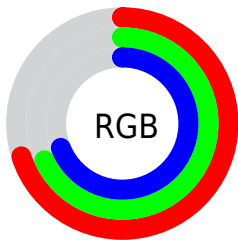
Format	Color
RYB	179, 174, 175
Decimal	11775663
CIELab	71.52, 1.96, 0.11
CIELCh	72, 1.966, 3.261
Yxy	42.9510, 0.3163, 0.3277
Android (android.graphics.Color)	4289965743 (0xFFB3AEAF)
YUV	175.6090, -0.3002, 2.9739
Hunter-Lab	65.5370, -1.7555, 3.6614

Details

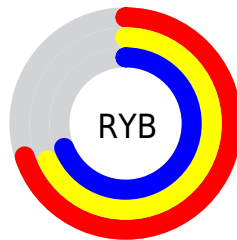
The XYZ color **41.4643, 42.9510, 46.6624** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.6131, 44.4543, 48.5090**, and the grayscale version is **41.0649, 43.2035, 47.0486**.

A 20% lighter version of the original color is **76.5632, 79.4140, 86.1560**, and **19.1389, 19.7847, 21.5490** is the 20% darker color. If you saturate the color by 10%, you get **36.9007, 35.9575, 38.5623**, and if you desaturate by 10%, it is **46.6405, 50.9297, 55.7046**.

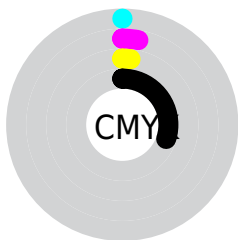
Distribution



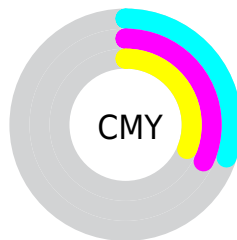
- Red (70%)
- Green (68%)
- Blue (69%)



- Red (70%)
- Yellow (68%)
- Blue (69%)



- Cyan (0%)
- Magenta (3%)
- Yellow (2%)
- Black (30%)



- Cyan (30%)
- Magenta (32%)
- Yellow (31%)
- Black (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.4643, 42.9510, 46.6624 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 41.4643, 42.9510, 46.6624 by changing the saturation by 10% instead.

■ 41.4643, 42.9510,
46.6624

■ 41.4643, 42.9510,
46.6624

343.2870,
358.4102, 389.8200

■ 28.8713, 29.8467,
32.4164

■ 76.6585, 79.6369,
86.5542

■ 19.1273, 19.7222,
21.4123

99.9904, 103.9873,
113.0370

■ 11.8668, 12.1933,
13.2316

127.6327,
132.8551, 144.4359

■ 6.7246, 6.8755,
7.4556

159.9507,
166.6248, 181.1694

■ 3.3353, 3.3843,
3.6659

197.3098,
205.6808, 223.6561

■ 1.3334, 1.3355,
1.4439

240.0753,

■ 0.2080, 0.1685,

250.4074, 272.3143

0.1756

288.6125,
301.1891, 327.5628

■ 0.0000, 0.0000,
0.0000

■ 41.4643, 42.9510,
46.6624

■ 41.4643, 42.9510,
46.6624

■ 36.9007, 35.9575,
38.5623

■ 46.6405, 50.9297,
55.7046

■ 32.9234, 29.9055,
31.3712

■ 52.4473, 59.9239,
65.7153

■ 29.5095, 24.7564,
25.0577

■ 58.9063, 69.9697,
76.7230

■ 26.6331, 20.4667,
19.5880

■ 66.0371, 81.0995,
88.7545

■ 24.2662, 16.9894,
14.9258

■ 71.0848, 87.7975,
100.9110

■ 22.3785, 14.2729,
11.0323

■ 72.4006, 88.3238,
107.8400

■ 20.9362, 12.2596,
7.8651

■ 19.9008, 10.8837,
5.3779

■ 19.2272, 10.0668,
3.5183

Harmonies

Analogous

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



41.3964, 42.9510, 47.5937



41.4643, 42.9510, 46.6624



41.3598, 42.9510, 45.7708

Triad

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



41.4643, 42.9510, 46.6624



40.4745, 42.9510, 45.2542



40.5371, 42.9510, 48.4182

Complementary

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



41.4643, 42.9510, 46.6624



41.6131, 44.4543, 48.5090

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.



40.2922, 42.9510, 47.7762



41.4643, 42.9510, 46.6624



40.2562, 42.9510, 45.9486

Square

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



41.4643, 42.9510, 46.6624



40.7873, 42.9510, 44.9647



40.1896, 42.9510, 46.8704



40.8600, 42.9510, 48.6155

Rectangle

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



41.4643, 42.9510, 46.6624



41.2067, 42.9510, 45.3165



40.1896, 42.9510, 46.8704



40.4430, 42.9510, 48.2468

Sweetspot

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



41.4655, 42.9529, 46.6633



75.8265, 79.3313, 86.3206



41.6342, 42.9937, 48.7525



16.8100, 17.5922, 19.1430



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.



41.4655, 42.9529, 46.6633



74.0372, 76.5797, 83.1745



41.6592, 43.4963, 46.2467



9.1417, 9.4191, 10.2234



13.3779, 6.8687, 1.8842



0.4412, 0.2242, 0.1661

Inverse Universe

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



41.4655, 42.9529, 46.6633



74.0372, 76.5797, 83.1745



41.4148, 43.8969, 48.9384



9.1417, 9.4191, 10.2234



13.3779, 6.8687, 1.8842



0.4412, 0.2242, 0.1661

Previews

White Background



This preview shows how the XYZ color 41.4643, 42.9510, 46.6624 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 41.4643, 42.9510, 46.6624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

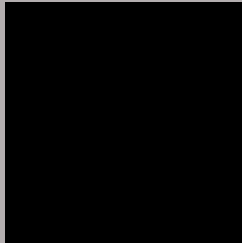
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

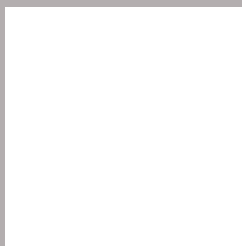
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.4643, 42.9510, 46.6624

Background



This preview shows how black text looks on a background with the XYZ color 41.4643, 42.9510, 46.6624.

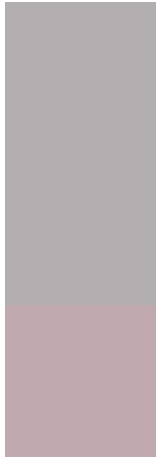


This preview shows how white text looks on a background with the XYZ color 41.4643, 42.9510,

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

41.4643, 42.9510, 46.6624

Protanopia

41.2340, 42.8322, 46.6516

Deuteranopia

43.9494, 43.0905, 47.0752



Tritanopia

42.6715, 42.8740, 52.4808

Trichromacy



Original Color

41.4643, 42.9510, 46.6624

Protanomaly

41.2340, 42.8322, 46.6516

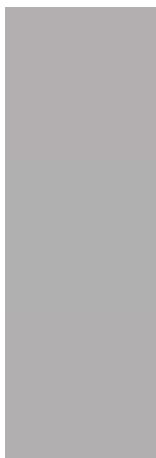
Deuteranomaly

42.8929, 42.8252, 47.0797

Tritanomaly

42.2095, 42.9678, 50.3249

Monochromacy



Original Color

41.4643, 42.9510, 46.6624

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.2979, 43.1416, 47.2248

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.4643, 42.9510, 46.6624 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(179, 174, 175)` looks like.

```
.text, #text, p{  
    color:rgb(179, 174, 175)  
}
```

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(179, 174, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 174, 175) }
```

Border

The CSS property to change the border of an element to XYZ 41.4643, 42.9510, 46.6624 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(179, 174, 175) }
```


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

```
.border{ border-color:rgb(179, 174, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 174, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 174, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 174, 175);  
box-shadow:4px 4px 4px 4px rgb(179, 174,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 41.4643, 42.9510, 46.6624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 174, 175) }
```

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

```
.background{ background-color: rgb(179,  
174, 175) }
```

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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