

Converting Colors

XYZ(46.8936, 46.4435, 50.5664)

Have a look what the booklet for
XYZ(46.8936, 46.4435, 50.5664)
contains.

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Color

**XYZ(46.9306, 46.5574,
50.7689)**

Conversions

Conversions Part 1

Format	Color
Hex	C4B1B6
RGB	196, 177, 182
RGB Percent	77%, 69%, 71%
CMY	0.2314, 0.3059, 0.2863
CMYK	0.00, 0.10, 0.07, 0.23
HSL	344°, 14%, 73%
HSV	344°, 10%, 77%
XYZ	46.9306, 46.5574, 50.7689
YIQ	183.2510, 9.7190, 5.5830

Conversions

Conversions Part 2

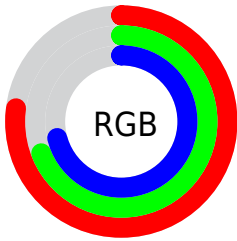
Format	Color
R _Y B	196, 177, 182
Decimal	12890550
CIE Lab	73.91, 7.67, -0.08
CIE LCh	74, 7.669, 359.423
Yxy	46.5574, 0.3253, 0.3227
Android (android.graphics.Color)	4291080630 (0xFFC4B1B6)
YUV	183.2510, -0.6167, 11.1809
Hunter-Lab	68.2330, 3.3645, 3.6482

Details

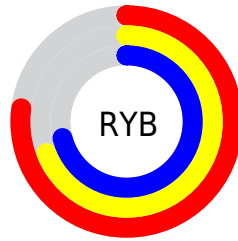
The XYZ color **46.9306, 46.5574, 50.7689** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.2772, 52.5898, 56.9519**, and the grayscale version is **45.1481, 47.4993, 51.7267**.

A 20% lighter version of the original color is **85.0795, 85.3335, 92.8758**, and **22.3254, 21.7511, 23.7906** is the 20% darker color. If you saturate the color by 10%, you get **41.9174, 38.7976, 42.1089**, and if you desaturate by 10%, it is **52.6565, 55.4950, 60.4274**.

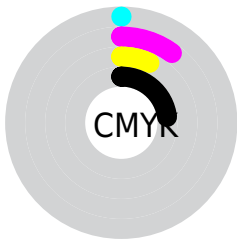
Distribution



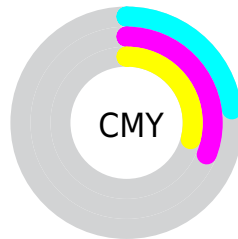
- Red (77%)
- Green (69%)
- Blue (71%)



- Red (77%)
- Yellow (69%)
- Blue (71%)



- Cyan (0%)
- Magenta (10%)
- Yellow (7%)
- Black (23%)





- Cyan (23%)
- Magenta (31%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.9306, 46.5574, 50.7689 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 46.9306, 46.5574, 50.7689 by changing the saturation by 10% instead.


 46.9306, 46.5574,
50.7689

 46.9306, 46.5574,
50.7689


365.1910,
373.0451, 406.4861

 33.1885, 32.6859,
35.6493


 84.8294, 85.0526,
92.7211

 22.4308, 21.8859,
23.8759

109.7168,
110.4451, 120.3907

 14.2922, 13.7731,
15.0302


139.0500,
140.4466, 153.0808

 8.4072, 7.9630,
8.6938

173.1945,
175.4417, 191.2098

 4.4106, 4.0713,
4.4479

212.5154,
215.8147, 235.1963

 1.9369, 1.7135,
1.8741

257.3782,

 0.5982, 0.4324,

261.9500, 285.4588

0.4762

308.1483,
314.2320, 342.4159

■ 0.0000, 0.0000,
0.0000

■ 46.9306, 46.5574,
50.7689

■ 46.9306, 46.5574,
50.7689

■ 41.9174, 38.7976,
42.1089

■ 52.6565, 55.4950,
60.4274

■ 37.5847, 32.1604,
34.4120

■ 59.1178, 65.6503,
71.1121

■ 33.9037, 26.5953,
27.6452

■ 66.3410, 77.0691,
82.8536

■ 30.8418, 22.0456,
21.7722

■ 74.2208, 89.5341,
95.6369

■ 28.3639, 18.4494,
16.7545

■ 76.4507, 90.4261,
107.3795

■ 26.4308, 15.7378,
12.5506

■ 76.5753, 90.4759,
108.0354

■ 24.9985, 13.8327,
9.1150

■ 24.0155, 12.6420,
6.3974

■ 23.3916, 11.9969,
4.3314

Harmonies

Analogous

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



46.5519, 46.5574, 54.6174



46.9306, 46.5574, 50.7689



46.5792, 46.5574, 47.0862

Triad

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



46.9306, 46.5574, 50.7689



42.9734, 46.5574, 44.4183



42.9285, 46.5574, 57.4502

Complementary

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



46.9306, 46.5574, 50.7689



47.2772, 52.5898, 56.9519

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.



42.0025, 46.5574, 54.4796



46.9306, 46.5574, 50.7689



42.0280, 46.5574, 46.9614

Square

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



46.9306, 46.5574, 50.7689



44.2779, 46.5574, 43.5360



41.6762, 46.5574, 50.6174



44.2250, 46.5574, 58.5945

Rectangle

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



46.9306, 46.5574, 50.7689



45.9823, 46.5574, 45.1908



41.6762, 46.5574, 50.6174



42.5645, 46.5574, 56.6249

Sweetspot

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



46.9319, 46.5594, 50.7699



91.7633, 94.8580, 103.3920



47.1566, 46.4996, 58.7152



19.4576, 20.0167, 21.8213



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.



46.9319, 46.5594, 50.7699



82.6326, 80.6383, 87.8880



47.3144, 48.1362, 48.3948



10.1795, 10.1204, 11.0360



15.0500, 7.7098, 2.9094



0.6798, 0.3449, 0.2811

Inverse Universe

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



46.9319, 46.5594, 50.7699



82.6326, 80.6383, 87.8880



46.8515, 50.8433, 59.5697



10.1795, 10.1204, 11.0360



15.0500, 7.7098, 2.9094



0.6798, 0.3449, 0.2811

Previews

White Background



This preview shows how the XYZ color 46.9306, 46.5574, 50.7689 looks on a white background.

Color Contrast Check

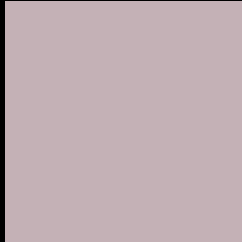
Large Text (above 18pt) WCAG AA × Fail

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 46.9306, 46.5574, 50.7689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

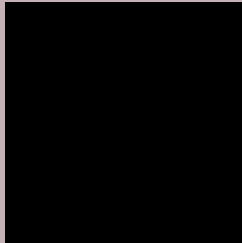
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.9306, 46.5574, 50.7689

Background



This preview shows how black text looks on a background with the XYZ color 46.9306, 46.5574, 50.7689.



This preview shows how white text looks on a background with the XYZ color 46.9306, 46.5574,

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

46.9306, 46.5574, 50.7689

Protanopia

44.9428, 46.6988, 51.9924

Deuteranopia

47.5220, 46.5702, 50.7402



Tritanopia

47.8456, 46.6387, 55.1956

Trichromacy



Original Color

46.9306, 46.5574, 50.7689

Protanomaly

45.6075, 46.7528, 51.4202

Deuteranomaly

47.2575, 46.4338, 50.7279

Tritanomaly

47.5209, 46.5088, 53.4862

Monochromacy



Original Color

46.9306, 46.5574, 50.7689

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

45.8102, 47.1580, 51.4877

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.9306, 46.5574, 50.7689 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(196, 177, 182)` looks like.

```
.text, #text, p{  
    color:rgb(196, 177, 182)  
}
```

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(196, 177, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 177, 182) }
```

Border

The CSS property to change the border of an element to XYZ 46.9306, 46.5574, 50.7689 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(196, 177, 182) }
```


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

```
.border{ border-color:rgb(196, 177, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 177, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 177, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 177, 182);  
box-shadow:4px 4px 4px 4px rgb(196, 177,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 46.9306, 46.5574, 50.7689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 177, 182) }
```

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

```
.background{ background-color: rgb(196,  
177, 182) }
```

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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