

Converting Colors

XYZ(46.7414, 40.9892, 34.8313)

Have a look what the booklet for
XYZ(46.7414, 40.9892, 34.8313)
contains.

XYZ(46.6878, 41.0714, 34.7450)	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(46.6878, 41.0714,
34.7450)**

Conversions

Conversions Part 1

Format	Color
Hex	DB9C97
RGB	219, 156, 151
RGB Percent	86%, 61%, 59%
CMY	0.1412, 0.3882, 0.4078
CMYK	0.00, 0.29, 0.31, 0.14
HSL	4°, 49%, 73%
HSV	4°, 31%, 86%
XYZ	46.6878, 41.0714, 34.7450
YIQ	174.2670, 39.1530, 11.8010

Conversions

Conversions Part 2

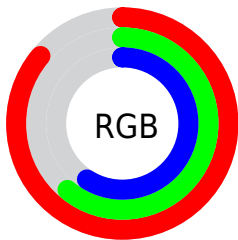
Format	Color
R_{YB}	219, 156, 151
Decimal	14392471
CIE Lab	70.23, 22.85, 12.00
CIE LCh	70, 25.804, 27.700
Yxy	41.0714, 0.3811, 0.3353
Android (android.graphics.Color)	4292582551 (0xFFDB9C97)
YUV	174.2670, -11.4706, 39.2308
Hunter-Lab	64.0870, 17.8863, 12.7166

Details

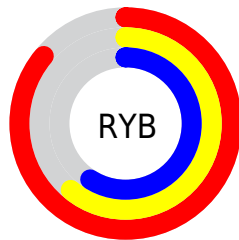
The XYZ color **46.6878, 41.0714, 34.7450** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.5944, 59.7848, 75.9436**, and the grayscale version is **40.4134, 42.5180, 46.3021**.

A 20% lighter version of the original color is **75.5537, 72.2563, 67.7224**, and **22.1509, 18.5021, 14.4604** is the 20% darker color. If you saturate the color by 10%, you get **41.9471, 34.1766, 25.1900**, and if you desaturate by 10%, it is **52.3298, 49.2395, 46.2311**.

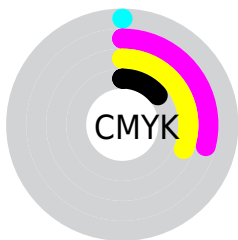
Distribution



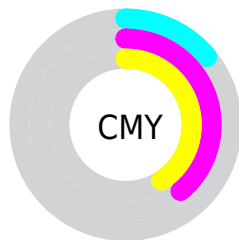
- Red (86%)
- Green (61%)
- Blue (59%)



- Red (86%)
- Yellow (61%)
- Blue (59%)



- Cyan (0%)
- Magenta (29%)
- Yellow (31%)
- Black (14%)




- Cyan (14%)
- Magenta (39%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.6878, 41.0714, 34.7450 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 46.6878, 41.0714, 34.7450 by changing the saturation by 10% instead.


 46.6878, 41.0714,
34.7450


 46.6878, 41.0714,
34.7450


364.2367,
350.6189, 338.3113

 32.9958, 28.3749,
23.1845


 84.4690, 76.7923,
68.2376

 22.2825, 18.6084,
14.5232

 109.2889,
100.5854, 91.0069

 14.1824, 11.3877,
8.3426


138.5489,
128.8462, 118.3494

 8.3302, 6.3282,
4.2240

172.6143,
161.9591, 150.6839

 4.3605, 3.0457,
1.7490

211.8504,
200.3084, 188.4288

 1.9080, 1.1556,
0.3940

256.6226,

 0.5815, 0.0250,

244.2785, 232.0026

0.0000

307.2963,
294.2539, 281.8240

0.0000, 0.0000,
0.0000

46.6878, 41.0714,
34.7450

46.6878, 41.0714,
34.7450

41.9471, 34.1766,
25.1900

52.3298, 49.2395,
46.2311

38.0577, 28.4855,
17.4578

58.9128, 58.7342,
59.7438

34.9701, 23.9306,
11.4331

66.4785, 69.6132,
75.3750

32.6280, 20.4357,
6.9864

75.0647, 81.9288,
93.2103

30.9681, 17.9149,
3.9697

83.0235, 93.8001,
108.3372

■ 29.9162, 16.2691,
2.2068

■ 29.4005, 15.4342,
1.4295

Harmonies

Analogous

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



47.7382, 41.0714, 45.6606



46.6878, 41.0714, 34.7450



43.5450, 41.0714, 27.7831

Triad

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



46.6878, 41.0714, 34.7450



32.5598, 41.0714, 33.3952



38.7118, 41.0714, 72.2561

Complementary

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



46.6878, 41.0714, 34.7450



49.5944, 59.7848, 75.9436

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.



34.8516, 41.0714, 67.4321



46.6878, 41.0714, 34.7450



31.4633, 41.0714, 43.7919

Square

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



46.6878, 41.0714, 34.7450



35.3781, 41.0714, 27.1084



32.2715, 41.0714, 56.4413



42.9401, 41.0714, 68.6682

Rectangle

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



46.6878, 41.0714, 34.7450



40.7950, 41.0714, 25.6082



32.2715, 41.0714, 56.4413



37.3305, 41.0714, 71.5483

Sweetspot

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



46.6889, 41.0733, 34.7458



85.1612, 85.7862, 88.4511



52.4776, 42.0726, 69.2863



17.9092, 17.9029, 18.2750



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.



46.6889, 41.0733, 34.7458



61.5700, 51.6764, 40.2861



53.1121, 53.9198, 36.8869



13.1326, 13.2046, 13.5822



17.4631, 9.2117, 0.8576



1.1589, 0.6519, 0.0647

Inverse Universe

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



49.5944, 59.7848, 75.9436



66.2621, 81.9300, 106.9294



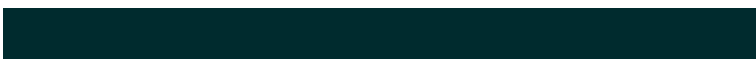
41.9647, 44.5254, 73.4004



13.3586, 14.6569, 16.7771



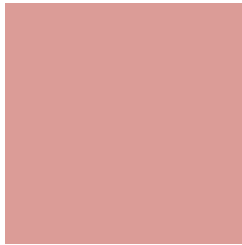
20.2633, 28.3961, 44.1514



1.3378, 1.8897, 2.8687

Previews

White Background



This preview shows how the XYZ color 46.6878, 41.0714, 34.7450 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 46.6878, 41.0714, 34.7450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

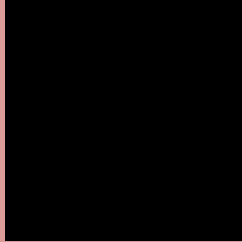
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.6878, 41.0714, 34.7450

Background



This preview shows how black text looks on a background with the XYZ color 46.6878, 41.0714, 34.7450.



This preview shows how white text looks on a background with the XYZ color 46.6878, 41.0714,

34.7450.

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

46.6878, 41.0714, 34.7450

Protanopia

39.1810, 41.0940, 38.6678

Deuteranopia

42.0870, 41.3127, 34.1897



Tritanopia

47.9537, 41.0800, 41.4782

Trichromacy



Original Color

46.6878, 41.0714, 34.7450

Protanomaly

41.6293, 41.0102, 37.1741

Deuteranomaly

43.6022, 41.0218, 34.4741

Tritanomaly

47.6696, 41.2315, 39.1642

Monochromacy



Original Color

46.6878, 41.0714, 34.7450

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

41.9369, 41.3378, 41.8451

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.6878, 41.0714, 34.7450 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(219, 156, 151)` looks like.

```
.text, #text, p{  
    color:rgb(219, 156, 151)  
}
```

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(219, 156, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 156, 151) }
```

Border

The CSS property to change the border of an element to XYZ 46.6878, 41.0714, 34.7450 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(219, 156, 151) }
```


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

```
.border{ border-color:rgb(219, 156, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 156, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 156, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 156, 151);  
box-shadow:4px 4px 4px 4px rgb(219, 156,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 46.6878, 41.0714, 34.7450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 156, 151) }
```

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

```
.background{ background-color: rgb(219,  
156, 151) }
```

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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