

Converting Colors

XYZ(41.4381, 34.1186, 28.9838)

Have a look what the booklet for
XYZ(41.4381, 34.1186, 28.9838)
contains.

XYZ(41.3374, 34.0515, 28.8200)	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(41.3374, 34.0515,
28.8200)**

Conversions

Conversions Part 1

Format	Color
Hex	D6898B
RGB	214, 137, 139
RGB Percent	84%, 54%, 55%
CMY	0.1608, 0.4627, 0.4549
CMYK	0.00, 0.36, 0.35, 0.16
HSL	358°, 48%, 69%
HSV	358°, 36%, 84%
XYZ	41.3374, 34.0515, 28.8200
YIQ	160.2510, 45.2500, 16.9460

Conversions

Conversions Part 2

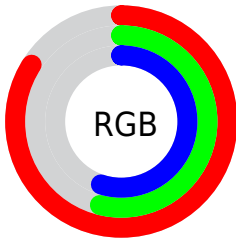
Format	Color
R _Y B	214, 137, 139
Decimal	14059915
CIE Lab	65.00, 29.67, 11.25
CIE LCh	65, 31.732, 20.761
Yxy	34.0515, 0.3967, 0.3268
Android (android.graphics.Color)	4292249995 (0xFFD6898B)
YUV	160.2510, -10.4767, 47.1379
Hunter-Lab	58.3537, 24.3295, 11.5651

Details

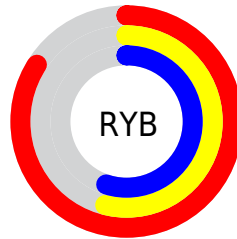
The XYZ color **41.3374, 34.0515, 28.8200** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.2483, 58.1657, 71.0799**, and the grayscale version is **33.5624, 35.3103, 38.4529**.

A 20% lighter version of the original color is **69.3852, 62.3274, 58.2426**, and **19.0356, 14.5449, 11.2554** is the 20% darker color. If you saturate the color by 10%, you get **37.2109, 28.0079, 20.6329**, and if you desaturate by 10%, it is **46.3595, 41.4211, 38.7390**.

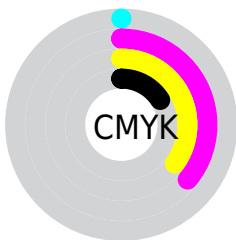
Distribution



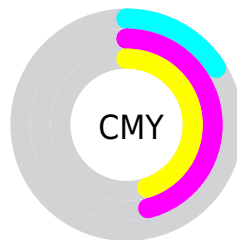
- Red (84%)
- Green (54%)
- Blue (55%)



- Red (84%)
- Yellow (54%)
- Blue (55%)



- Cyan (0%)
- Magenta (36%)
- Yellow (35%)
- Black (16%)





- Cyan (16%)
- Magenta (46%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.3374, 34.0515, 28.8200 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 41.3374, 34.0515, 28.8200 by changing the saturation by 10% instead.


 41.3374, 34.0515,
28.8200


 41.3374, 34.0515,
28.8200


342.7673,
320.3616, 310.3990


 28.7717, 22.9332,
18.7003


 76.4673, 66.0137,
58.8297

 19.0516, 14.5442,
11.2793


 99.7621, 87.6265,
79.5569

 11.8118, 8.5001,
6.1385


 127.3641,
113.5061, 104.6569

 6.6869, 4.4166,
2.8593

159.6384,
144.0370, 134.5483

 3.3117, 1.9092,
1.0233

196.9506,
179.6036, 169.6497

 1.3206, 0.5539,
0.0000

239.6659,

 0.1986, 0.0000,

220.5903, 210.3796

0.0000

288.1497,
267.3815, 257.1565

■ 0.0000, 0.0000,
0.0000

■ 41.3374, 34.0515,
28.8200

■ 41.3374, 34.0515,
28.8200

■ 37.2109, 28.0079,
20.6329

■ 46.3595, 41.4211,
38.7390

■ 33.9248, 23.2070,
14.0767

■ 52.3225, 50.1838,
50.4792

■ 31.4221, 19.5640,
9.0427

■ 59.2721, 60.4077,
64.1261

■ 29.6377, 16.9812,
5.4084

■ 67.2501, 72.1554,
79.7593

■ 28.4960, 15.3450,
3.0326

■ 76.2960, 85.4857,
97.4537

■ 27.9038, 14.5145,
1.7438

■ 81.5416, 93.0362,
108.2678

■ 27.7620, 14.3083,
1.4578

Harmonies

Analogous

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



41.8795, 34.0515, 41.2835



41.3374, 34.0515, 28.8200



38.2739, 34.0515, 20.7449

Triad

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



41.3374, 34.0515, 28.8200



26.0001, 34.0515, 23.2777



30.9688, 34.0515, 68.0332

Complementary

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



41.3374, 34.0515, 28.8200



46.2483, 58.1657, 71.0799

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.



27.0978, 34.0515, 60.2969



41.3374, 34.0515, 28.8200



24.4130, 34.0515, 33.1651

Square

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



41.3374, 34.0515, 28.8200



29.3366, 34.0515, 18.1100



24.7949, 34.0515, 46.7756



35.5948, 34.0515, 66.0838

Rectangle

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



41.3374, 34.0515, 28.8200



35.3606, 34.0515, 17.9680



24.7949, 34.0515, 46.7756



29.5435, 34.0515, 66.4221

Sweetspot

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



41.3383, 34.0532, 28.8207



82.6542, 81.7543, 84.5877



48.0724, 36.6609, 68.1609



17.3921, 17.0586, 17.5175



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.



41.3383, 34.0532, 28.8207



56.7795, 43.7621, 33.5510



47.1787, 45.9652, 30.0546



12.4362, 12.4260, 12.9712



16.7862, 8.6508, 0.9122



1.0172, 0.5237, 0.0797

Inverse Universe

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



41.3383, 34.0532, 28.8207



56.7795, 43.7621, 33.5510



38.3892, 42.0422, 69.7100



12.4362, 12.4260, 12.9712



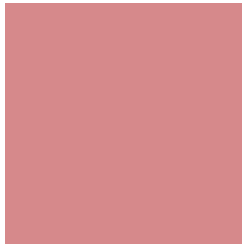
16.7862, 8.6508, 0.9122



1.0172, 0.5237, 0.0797

Previews

White Background



This preview shows how the XYZ color 41.3374, 34.0515, 28.8200 looks on a white background.

Color Contrast Check

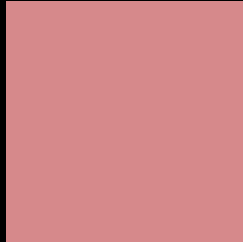
Large Text (above 18pt) WCAG AA × Fail

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 41.3374, 34.0515, 28.8200 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 41.3374, 34.0515, 28.8200

Background



This preview shows how black text looks on a background with the XYZ color 41.3374, 34.0515, 28.8200.



This preview shows how white text looks on a background with the XYZ color 41.3374, 34.0515,

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

41.3374, 34.0515, 28.8200

Protanopia

32.8361, 34.4423, 33.7715

Deuteranopia

34.7282, 34.0578, 28.0360



Tritanopia

42.0168, 34.1307, 31.5675

Trichromacy



Original Color

41.3374, 34.0515, 28.8200

Protanomaly

35.3861, 33.8331, 31.8595

Deuteranomaly

36.9414, 34.0110, 28.2847

Tritanomaly

41.7864, 34.0386, 30.3543

Monochromacy



Original Color

41.3374, 34.0515, 28.8200

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

35.7181, 34.4268, 34.4682

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3374, 34.0515, 28.8200 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(214, 137, 139)` looks like.

```
.text, #text, p{  
    color:rgb(214, 137, 139)  
}
```

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(214, 137, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 137, 139) }
```

Border

The CSS property to change the border of an element to XYZ 41.3374, 34.0515, 28.8200 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(214, 137, 139) }
```


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

```
.border{ border-color:rgb(214, 137, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 137, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 137, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 137, 139);  
box-shadow:4px 4px 4px 4px rgb(214, 137,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3374, 34.0515, 28.8200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 137, 139) }
```

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

```
.background{ background-color: rgb(214,  
137, 139) }
```

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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