

Converting Colors

XYZ(43.6582, 34.9690, 30.7251)

Have a look what the booklet for
XYZ(43.6582, 34.9690, 30.7251)
contains.

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Color

**XYZ(43.6570, 34.9941,
30.8391)**

Conversions

Conversions Part 1

Format	Color
Hex	DD8890
RGB	221, 136, 144
RGB Percent	87%, 53%, 56%
CMY	0.1333, 0.4666, 0.4353
CMYK	0.00, 0.38, 0.35, 0.13
HSL	354°, 56%, 70%
HSV	354°, 38%, 87%
XYZ	43.6570, 34.9941, 30.8391
YIQ	162.3270, 48.0920, 20.5080

Conversions

Conversions Part 2

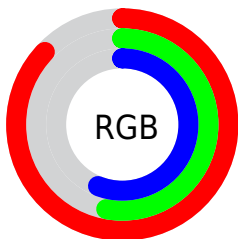
Format	Color
R _Y B	221, 136, 144
Decimal	14518416
CIE Lab	65.74, 33.44, 9.59
CIE LCh	66, 34.786, 16.010
Yxy	34.9941, 0.3987, 0.3196
Android (android.graphics.Color)	4292708496 (0xFFDD8890)
YUV	162.3270, -9.0352, 51.4562
Hunter-Lab	59.1558, 28.2104, 10.5000

Details

The XYZ color **43.6570, 34.9941, 30.8391** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **48.0217, 61.7520, 72.3425**, and the grayscale version is **34.5221, 36.3200, 39.5524**.

A 20% lighter version of the original color is **69.8465, 62.1641, 61.7436**, and **20.5787, 15.1977, 12.4385** is the 20% darker color. If you saturate the color by 10%, you get **39.4623, 28.8403, 22.5489**, and if you desaturate by 10%, it is **48.7666, 42.5432, 40.7738**.

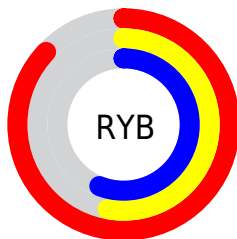
Distribution



Red (87%)

Green (53%)

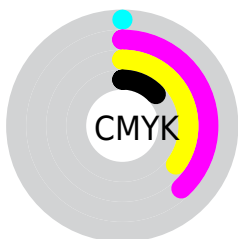
Blue (56%)



Red (87%)

Yellow (53%)

Blue (56%)

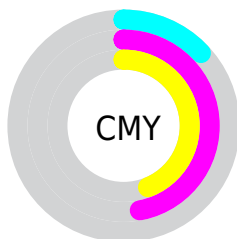


Cyan (0%)

Magenta (38%)

Yellow (35%)

Black (13%)



Cyan (13%)


Magenta (47%)


Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.6570, 34.9941, 30.8391 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 43.6570, 34.9941, 30.8391 by changing the saturation by 10% instead.


 43.6570, 34.9941,
30.8391


 43.6570, 34.9941,
30.8391

352.1826,
324.5423, 320.1246


 30.5977, 23.6583,
20.2189


 79.9509, 67.4766,
62.0633

 20.4430, 15.0804,
12.3686


 103.9162, 89.3922,
83.5043

 12.8276, 8.8758,
6.8697

 132.2476,
115.6031, 109.3894

 7.3861, 4.6603,
3.3035

165.3104,
146.4938, 140.1371

 3.7532, 2.0493,
1.2516

203.4699,
182.4487, 176.1660

 1.5635, 0.6359,
0.0216

247.0916,

 0.3684, 0.0000,

223.8521, 217.8944

0.0000

296.5407,
271.0885, 265.7411

■ 0.0000, 0.0000,
0.0000

■ 43.6570, 34.9941,
30.8391

■ 43.6570, 34.9941,
30.8391

■ 39.4623, 28.8403,
22.5489

■ 48.7666, 42.5432,
40.7738

■ 36.1258, 23.9915,
15.8125

■ 54.8380, 51.5604,
52.4331

■ 33.5884, 20.3549,
10.5332

■ 61.9180, 62.1197,
65.8942

■ 31.7828, 17.8232,
6.6031

■ 70.0499, 74.2884,
81.2290

■ 30.6300, 16.2703,
3.8986

■ 79.2741, 88.1301,
98.5056

■ 30.0193, 15.5115,
2.2691

■ 83.6288, 94.1122,
108.3655

■ 29.9522, 15.4255,
2.0980

Harmonies

Analogous

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



43.7648, 34.9941, 45.3385



43.6570, 34.9941, 30.8391



40.5827, 34.9941, 21.1956

Triad

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



43.6570, 34.9941, 30.8391



26.6648, 34.9941, 21.6747



30.9356, 34.9941, 72.5588

Complementary

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



43.6570, 34.9941, 30.8391



48.0217, 61.7520, 72.3425

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.



26.8772, 34.9941, 62.2186



43.6570, 34.9941, 30.8391



24.5883, 34.9941, 31.6808

Square

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



43.6570, 34.9941, 30.8391



30.6172, 34.9941, 16.9087



24.6619, 34.9941, 46.4255



36.0525, 34.9941, 72.1641

Rectangle

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



43.6570, 34.9941, 30.8391



37.4291, 34.9941, 17.7022



24.6619, 34.9941, 46.4255



29.4141, 34.9941, 70.1278

Sweetspot

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



43.6579, 34.9958, 30.8398



81.9069, 80.3480, 84.0664



49.1521, 36.9020, 72.9389



17.2527, 16.7820, 17.4640



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.



43.6579, 34.9958, 30.8398



55.6891, 41.5124, 33.4000



48.6386, 45.9007, 29.5910



13.1055, 13.0713, 13.8170



17.4180, 8.9683, 1.3155



1.1459, 0.5880, 0.1771

Inverse Universe

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



43.6579, 34.9958, 30.8398



55.6891, 41.5124, 33.4000



40.9763, 45.9969, 75.1253



13.1055, 13.0713, 13.8170



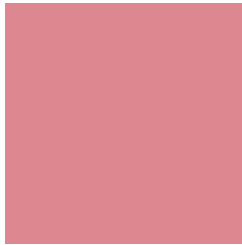
17.4180, 8.9683, 1.3155



1.1459, 0.5880, 0.1771

Previews

White Background



This preview shows how the XYZ color 43.6570, 34.9941, 30.8391 looks on a white background.

Color Contrast Check

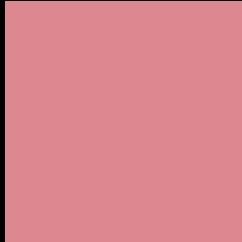
Large Text (above 18pt) WCAG AA × Fail

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 43.6570, 34.9941, 30.8391 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 43.6570, 34.9941, 30.8391

Background



This preview shows how black text looks on a background with the XYZ color 43.6570, 34.9941, 30.8391.



This preview shows how white text looks on a background with the XYZ color 43.6570, 34.9941,

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

43.6570, 34.9941, 30.8391

Protanopia

33.7938, 35.1231, 36.8966

Deuteranopia

35.8918, 35.1016, 30.0829



Tritanopia

43.8113, 35.0558, 31.6515

Trichromacy



Original Color

43.6570, 34.9941, 30.8391

Protanomaly

36.7417, 34.7145, 34.4698

Deuteranomaly

38.3422, 34.6907, 30.2663

Tritanomaly

43.7338, 35.0248, 31.2435

Monochromacy



Original Color

43.6570, 34.9941, 30.8391

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

36.8361, 35.2163, 35.8663

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6570, 34.9941, 30.8391 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(221, 136, 144)` looks like.

```
.text, #text, p{  
    color:rgb(221, 136, 144)  
}
```

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(221, 136, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 136, 144) }
```

Border

The CSS property to change the border of an element to XYZ 43.6570, 34.9941, 30.8391 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(221, 136, 144) }
```


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

```
.border{ border-color:rgb(221, 136, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 136, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 136, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 136, 144);  
box-shadow:4px 4px 4px 4px rgb(221, 136,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6570, 34.9941, 30.8391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 136, 144) }
```

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

```
.background{ background-color: rgb(221,  
136, 144) }
```

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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