

Converting Colors

XYZ(43.9673, 33.1446, 32.2713)

Have a look what the booklet for
XYZ(43.9673, 33.1446, 32.2713)
contains.

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Color

**XYZ(43.8575, 33.0674,
32.0881)**

Conversions

Conversions Part 1

Format	Color
Hex	E17E94
RGB	225, 126, 148
RGB Percent	88%, 49%, 58%
CMY	0.1176, 0.5059, 0.4196
CMYK	0.00, 0.44, 0.34, 0.12
HSL	347°, 62%, 69%
HSV	347°, 44%, 88%
XYZ	43.8575, 33.0674, 32.0881
YIQ	158.1090, 51.9420, 27.8300

Conversions

Conversions Part 2

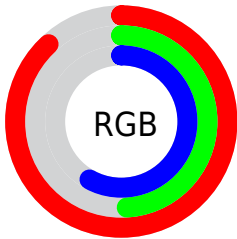
Format	Color
RYB	225, 126, 148
Decimal	14778004
CIELab	64.22, 40.62, 5.21
CIElCh	64, 40.948, 7.308
Yxy	33.0674, 0.4023, 0.3033
Android (android.graphics.Color)	4292968084 (0xFFE17E94)
YUV	158.1090, -4.9837, 58.6634
Hunter-Lab	57.5043, 35.5064, 7.1684

Details

The XYZ color **43.8575, 33.0674, 32.0881** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **46.3105, 62.5986, 66.1453**, and the grayscale version is **32.5552, 34.2506, 37.2989**.

A 20% lighter version of the original color is **68.2219, 58.1668, 63.5087**, and **20.5897, 13.9949, 13.1714** is the 20% darker color. If you saturate the color by 10%, you get **40.0150, 27.4343, 24.4818**, and if you desaturate by 10%, it is **48.5582, 40.0815, 41.0145**.

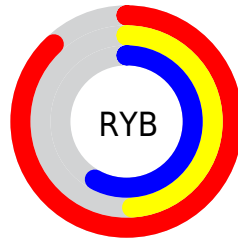
Distribution



Red (88%)

Green (49%)

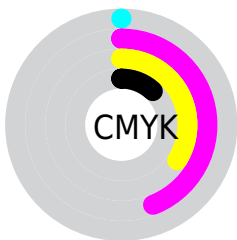
Blue (58%)



Red (88%)

Yellow (49%)

Blue (58%)

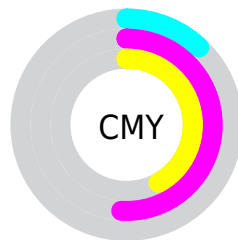


Cyan (0%)

Magenta (44%)

Yellow (34%)

Black (12%)



Cyan (12%)


Magenta (51%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.8575, 33.0674, 32.0881 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 43.8575, 33.0674, 32.0881 by changing the saturation by 10% instead.


 43.8575, 33.0674,
32.0881


 43.8575, 33.0674,
32.0881


352.9885,
315.9533, 326.0255


 30.7559, 22.1781,
21.1634

 80.2509, 64.4807,
64.0487

 20.5640, 13.9878,
13.0511


 104.2735, 85.7736,
85.9217

 12.9163, 8.1122,
7.3326


 132.6672,
111.3030, 112.2812

 7.4475, 4.1668,
3.5894

165.7972,
141.4535, 143.5458

 3.7923, 1.7673,
1.4029

204.0290,
176.6093, 180.1339

 1.5853, 0.4667,
0.1440

247.7279,

 0.3828, 0.0000,

217.1550, 222.4643

0.0000

297.2593,
263.4749, 270.9552

■ 0.0000, 0.0000,
0.0000

■ 43.8575, 33.0674,
32.0881

■ 43.8575, 33.0674,
32.0881

■ 40.0150, 27.4343,
24.4818

■ 48.5582, 40.0815,
41.0145

■ 36.9748, 23.0856,
18.1297

■ 54.1630, 48.5548,
51.3186

■ 34.6784, 19.9203,
12.9628


■ 60.7178, 58.5655,
63.0568

■ 33.0575, 17.8197,
8.9044


■ 68.2644, 70.1848,
76.2819

■ 32.0306, 16.6400,
5.8677

■ 76.8421, 83.4793,
91.0438

 31.6269, 16.2378,
4.4839

 84.5420, 94.6198,
106.7415

 84.8614, 94.7476,
108.4232

Harmonies

Analogous

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



42.8984, 33.0674, 49.8049



43.8575, 33.0674, 32.0881



41.1743, 33.0674, 19.8918

Triad

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



43.8575, 33.0674, 32.0881



25.1357, 33.0674, 16.0879



27.3155, 33.0674, 74.3029

Complementary

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



43.8575, 33.0674, 32.0881



46.3105, 62.5986, 66.1453

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.



23.3581, 33.0674, 59.0744



43.8575, 33.0674, 32.0881



22.2120, 33.0674, 25.0229

Square

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



43.8575, 33.0674, 32.0881



30.0304, 33.0674, 12.6877



21.6038, 33.0674, 40.2279



32.8715, 33.0674, 77.9527

Rectangle

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



43.8575, 33.0674, 32.0881



37.8550, 33.0674, 15.2398



21.6038, 33.0674, 40.2279



25.7758, 33.0674, 70.1823

Sweetspot

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



43.8584, 33.0690, 32.0887



81.4944, 79.0921, 85.2575



45.3828, 32.9024, 75.1931



16.9994, 16.2485, 17.4625



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.



43.8584, 33.0690, 32.0887



53.4336, 36.8550, 33.1001



46.1117, 40.1021, 25.0509



13.8313, 13.7502, 14.8818



18.2609, 9.3714, 2.7739



1.2993, 0.6630, 0.3690

Inverse Universe

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



43.8584, 33.0690, 32.0887



53.4336, 36.8550, 33.1001



42.5276, 50.5362, 78.7472



13.8313, 13.7502, 14.8818



18.2609, 9.3714, 2.7739



1.2993, 0.6630, 0.3690

Previews

White Background



This preview shows how the XYZ color 43.8575, 33.0674, 32.0881 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 43.8575, 33.0674, 32.0881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

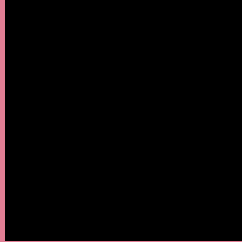
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.8575, 33.0674, 32.0881

Background



This preview shows how black text looks on a background with the XYZ color 43.8575, 33.0674, 32.0881.



This preview shows how white text looks on a background with the XYZ color 43.8575, 33.0674,

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

43.8575, 33.0674, 32.0881

Protanopia

32.2232, 33.2272, 40.3125

Deuteranopia

34.0051, 33.3769, 31.0357



Tritanopia

42.9750, 33.0918, 27.7892

Trichromacy



Original Color

43.8575, 33.0674, 32.0881

Protanomaly

35.2873, 32.2735, 37.1704

Deuteranomaly

37.0320, 32.8597, 31.1788

Tritanomaly

43.1376, 32.9491, 29.2855

Monochromacy



Original Color

43.8575, 33.0674, 32.0881

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

35.4030, 32.8359, 35.0439

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8575, 33.0674, 32.0881 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(225, 126, 148)` looks like.

```
.text, #text, p{  
    color:rgb(225, 126, 148)  
}
```

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(225, 126, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 126, 148) }
```

Border

The CSS property to change the border of an element to XYZ 43.8575, 33.0674, 32.0881 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(225, 126, 148) }
```


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

```
.border{ border-color:rgb(225, 126, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 126, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 126, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 126, 148);  
box-shadow:4px 4px 4px 4px rgb(225, 126,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8575, 33.0674, 32.0881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 126, 148) }
```

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

```
.background{ background-color: rgb(225,  
126, 148) }
```

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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