

Converting Colors

XYZ(43.7731, 34.4844, 35.6698)

Have a look what the booklet for
XYZ(43.7731, 34.4844, 35.6698)
contains.

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Color

**XYZ(43.7393, 34.5106,
35.8084)**

Conversions

Conversions Part 1

Format	Color
Hex	DB869C
RGB	219, 134, 156
RGB Percent	86%, 53%, 61%
CMY	0.1412, 0.4745, 0.3882
CMYK	0.00, 0.39, 0.29, 0.14
HSL	344°, 54%, 69%
HSV	344°, 39%, 86%
XYZ	43.7393, 34.5106, 35.8084
YIQ	161.9230, 43.5980, 24.8620

Conversions

Conversions Part 2

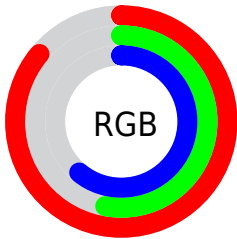
Format	Color
R _Y B	219, 134, 156
Decimal	14386844
CIE Lab	65.37, 35.31, 2.24
CIE LCh	65, 35.380, 3.622
Yxy	34.5106, 0.3835, 0.3026
Android (android.graphics.Color)	4292576924 (0xFFDB869C)
YUV	161.9230, -2.9200, 50.0565
Hunter-Lab	58.7457, 30.0977, 4.9818

Details

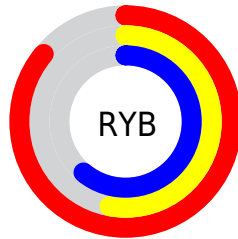
The XYZ color **43.7393, 34.5106, 35.8084** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **45.2427, 59.7635, 61.9774**, and the grayscale version is **34.3065, 36.0931, 39.3054**.

A 20% lighter version of the original color is **70.8561, 61.8796, 69.1822**, and **20.4674, 14.7359, 15.1302** is the 20% darker color. If you saturate the color by 10%, you get **39.7359, 28.5584, 28.1395**, and if you desaturate by 10%, it is **48.5551, 41.7930, 44.6552**.

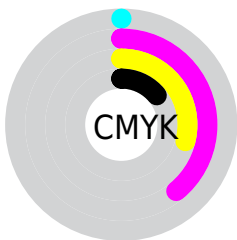
Distribution



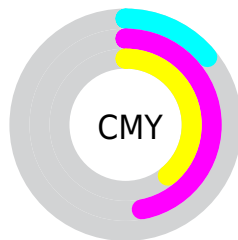
- Red (86%)
- Green (53%)
- Blue (61%)



- Red (86%)
- Yellow (53%)
- Blue (61%)



- Cyan (0%)
- Magenta (39%)
- Yellow (29%)
- Black (14%)





- Cyan (14%)
- Magenta (47%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.7393, 34.5106, 35.8084 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 43.7393, 34.5106, 35.8084 by changing the saturation by 10% instead.


 43.7393, 34.5106,
35.8084


 43.7393, 34.5106,
35.8084


352.5136,
322.4028, 343.1344


 30.6626, 23.2861,
23.9977


 80.0741, 66.7269,
69.9019

 20.4927, 14.8049,
15.1198


 104.0629, 88.4875,
93.0219

 12.8640, 8.6826,
8.7559

 132.4199,
114.5290, 120.7487

 7.4113, 4.5347,
4.4877

165.5103,
145.2357, 153.5009

 3.7692, 1.9770,
1.8965

203.6995,
180.9921, 191.6970

 1.5724, 0.5940,
0.4905

247.3529,

 0.3743, 0.0000,

222.1824, 235.7556

0.0000

296.8358,
269.1912, 286.0952

■ 0.0000, 0.0000,
0.0000

■ 43.7393, 34.5106,
35.8084

■ 43.7393, 34.5106,
35.8084

■ 39.7359, 28.5584,
28.1395

■ 48.5551, 41.7930,
44.6552

■ 36.4958, 23.8507,
21.5953

■ 54.2228, 50.4747,
54.7257

■ 33.9690, 20.2994,
16.1214

■ 60.7829, 60.6259,
66.0657

■ 32.0978, 17.8025,
11.6579

■ 68.2723, 72.3104,
78.7179

■ 30.8151, 16.2402,
8.1380

■ 76.7259, 85.5886,
92.7231

■ 30.0210, 15.4284,
5.4798

■ 82.7665, 93.6973,
106.9836

■ 29.9439, 15.3523,
5.2134

■ 83.0235, 93.8001,
108.3372

Harmonies

Analogous

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



42.5227, 34.5106, 51.6753



43.7393, 34.5106, 35.8084



41.7813, 34.5106, 23.9300

Triad

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



43.7393, 34.5106, 35.8084



27.6059, 34.5106, 18.5260



28.5856, 34.5106, 69.2344

Complementary

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



43.7393, 34.5106, 35.8084



45.2427, 59.7635, 61.9774

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.



25.2100, 34.5106, 55.6191



43.7393, 34.5106, 35.8084



24.6874, 34.5106, 26.3076

Square

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



43.7393, 34.5106, 35.8084



32.1781, 34.5106, 15.7452



23.8581, 34.5106, 39.4012



33.4325, 34.5106, 73.6899

Rectangle

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



43.7393, 34.5106, 35.8084



39.0483, 34.5106, 19.0197



23.8581, 34.5106, 39.4012



27.2588, 34.5106, 65.4283

Sweetspot

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



43.7403, 34.5123, 35.8091



82.6141, 80.6309, 87.7906



44.1644, 33.9471, 71.2428



17.4179, 16.8480, 18.3340



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.



43.7403, 34.5123, 35.8091



56.8230, 41.3891, 41.1498



45.0459, 39.8392, 27.8720



13.1937, 13.1066, 14.2810



17.7934, 9.1184, 3.2920



1.1878, 0.6048, 0.3981

Inverse Universe

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



43.7403, 34.5123, 35.8091



56.8230, 41.3891, 41.1498



43.0808, 51.1076, 74.6122



13.1937, 13.1066, 14.2810



17.7934, 9.1184, 3.2920



1.1878, 0.6048, 0.3981

Previews

White Background



This preview shows how the XYZ color 43.7393, 34.5106, 35.8084 looks on a white background.

Color Contrast Check

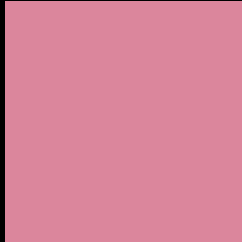
Large Text (above 18pt) WCAG AA × Fail

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 43.7393, 34.5106, 35.8084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

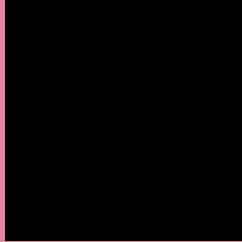
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.7393, 34.5106, 35.8084

Background



This preview shows how black text looks on a background with the XYZ color 43.7393, 34.5106, 35.8084.



This preview shows how white text looks on a background with the XYZ color 43.7393, 34.5106,

35.8084.

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

43.7393, 34.5106, 35.8084

Protanopia

33.7806, 34.7269, 42.9527

Deuteranopia

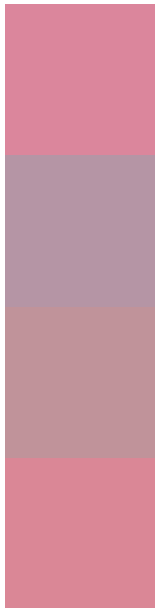
35.4368, 34.7582, 34.9783



Tritanopia

42.9059, 34.5891, 31.6091

Trichromacy



Original Color

43.7393, 34.5106, 35.8084

Protanomaly

36.5950, 34.0353, 40.2380

Deuteranomaly

38.0047, 34.4070, 35.2100

Tritanomaly

43.0824, 34.4354, 33.2302

Monochromacy



Original Color

43.7393, 34.5106, 35.8084

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

37.1018, 35.0618, 38.0698

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.7393, 34.5106, 35.8084 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, 134, 156)` looks like.

```
.text, #text, p{  
    color:rgb(219, 134, 156)  
}
```

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, 134, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 134, 156) }
```

Border

The CSS property to change the border of an element to XYZ 43.7393, 34.5106, 35.8084 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, 134, 156) }
```


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

```
.border{ border-color:rgb(219, 134, 156) }
```

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

Here you see how a box with a 4 pixel rgb(219, 134, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 134, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 134, 156);  
box-shadow:4px 4px 4px 4px rgb(219, 134,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 43.7393, 34.5106, 35.8084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 134, 156) }
```

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

```
.background{ background-color: rgb(219,  
134, 156) }
```

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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