

Converting Colors

$Yxy(36.5145, 0.3938, 0.3161)$

Have a look what the booklet for
Yxy(36.5145, 0.3938, 0.3161)
contains.

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Color

Yxy(36.5145, 0.3938, 0.3161)

Conversions

Conversions Part 1

Format	Color
Hex	E08B96
RGB	224, 139, 150
RGB Percent	88%, 55%, 59%
CMY	0.1214, 0.4550, 0.4117
CMYK	0.00, 0.38, 0.33, 0.12
HSL	352°, 58%, 71%
HSV	352°, 38%, 88%
XYZ	45.4901, 36.5145, 33.5111
YIQ	165.6690, 47.1290, 21.4410

Conversions

Conversions Part 2

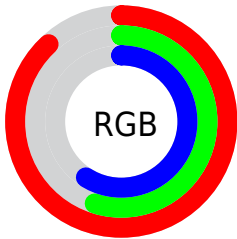
Format	Color
R _Y B	224, 139, 150
Decimal	14715798
CIE Lab	66.91, 33.73, 7.92
CIE LCh	67, 34.648, 13.209
Yxy	36.5145, 0.3938, 0.3161
Android (android.graphics.Color)	4292905878 (0xFFE08B96)
YUV	165.6690, -7.7248, 51.1563
Hunter-Lab	60.4272, 28.6285, 9.4186

Details

The Yxy color **36.5145, 0.3938, 0.3161** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **63.6287, 0.2658, 0.3428**, and the grayscale version is **37.9869, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.7596, 0.3549, 0.3178**, and **15.9327, 0.4212, 0.3108** is the 20% darker color. If you saturate the color by 10%, you get **30.1039, 0.4276, 0.3130**, and if you desaturate by 10%, it is **44.3625, 0.3658, 0.3196**.

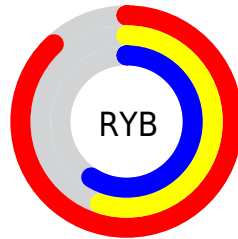
Distribution



Red (88%)

Green (55%)

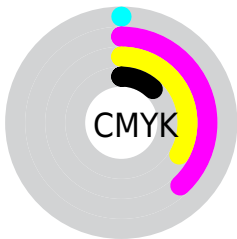
Blue (59%)



Red (88%)

Yellow (55%)

Blue (59%)

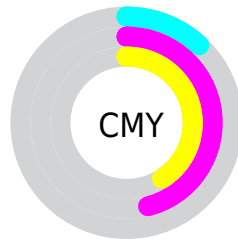


Cyan (0%)

Magenta (38%)

Yellow (33%)

Black (12%)



Cyan (12%)


Magenta (46%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.5145, 0.3938, 0.3161 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 Yxy color 36.5145, 0.3938, 0.3161 by changing the saturation by 10% instead.


 36.5145, 0.3938,
0.3161


 36.5145, 0.3938,
0.3161


331.2038, 0.3513,
0.3236

 24.8318, 0.4050,
0.3138


 69.8254, 0.3779,
0.3191

 15.9518, 0.4198,
0.3107


 92.2225, 0.3721,
0.3202

 9.4900, 0.4401,
0.3061


 118.9598, 0.3672,
0.3210

 5.0622, 0.4695,
0.2988

150.4217, 0.3630,
0.3217

 2.2838, 0.5156,
0.2860

186.9927, 0.3595,
0.3223

 0.7651, 0.6286,
0.2720

229.0571, 0.3564,

 0.0000, 1.0000,

0.3228

0.0000

276.9993, 0.3537,
0.3233

■ 0.0000, 0.0000,
0.0000

■ 36.5145, 0.3938,
0.3161

■ 36.5145, 0.3938,
0.3161

■ 30.1039, 0.4276,
0.3130

■ 44.3625, 0.3658,
0.3196

■ 25.0385, 0.4672,
0.3107

■ 53.7223, 0.3430,
0.3231

■ 21.2235, 0.5108,
0.3100

■ 64.6693, 0.3247,
0.3265

■ 18.5499, 0.5547,
0.3114

■ 77.2726, 0.3100,
0.3296

■ 16.8894, 0.5933,
0.3153

■ 91.5969, 0.2981,
0.3325

■ 16.0637, 0.6210,
0.3210

■ 94.5949, 0.2941,
0.3289

■ 15.9440, 0.6254,
0.3219

Harmonies

Analogous

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



36.5145, 0.3470, 0.2798



36.5145, 0.3938, 0.3161



36.5145, 0.4169, 0.3574

Triad

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



36.5145, 0.3938, 0.3161



36.5145, 0.3248, 0.4200



36.5145, 0.2233, 0.2558

Complementary

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



36.5145, 0.3938, 0.3161



63.6287, 0.2658, 0.3428

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.



36.5145, 0.2187, 0.2866



36.5145, 0.3938, 0.3161



36.5145, 0.2745, 0.3868

Square

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



36.5145, 0.3938, 0.3161



36.5145, 0.3743, 0.4212



36.5145, 0.2364, 0.3349



36.5145, 0.2493, 0.2456

Rectangle

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



36.5145, 0.3938, 0.3161



36.5145, 0.4149, 0.3839



36.5145, 0.2364, 0.3349



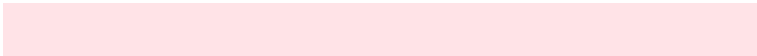
36.5145, 0.2193, 0.2638

Sweetspot

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



36.5163, 0.3938, 0.3161



81.9172, 0.3300, 0.3254



37.9453, 0.3066, 0.2325



17.0970, 0.3324, 0.3250



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



36.5163, 0.3938, 0.3161



41.6483, 0.4217, 0.3135



46.5317, 0.3919, 0.3660



13.7293, 0.3272, 0.3260



9.2855, 0.6228, 0.3205



0.6532, 0.5882, 0.3014

Inverse Universe

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



36.5163, 0.3938, 0.3161



41.6483, 0.4217, 0.3135



48.9475, 0.2541, 0.2882



13.7293, 0.3272, 0.3260



9.2855, 0.6228, 0.3205



0.6532, 0.5882, 0.3014

Previews

White Background



This preview shows how the Yxy color 36.5145, 0.3938, 0.3161 looks on a white background.

Color Contrast Check

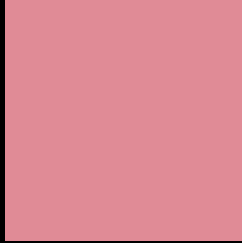
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 36.5145, 0.3938, 0.3161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

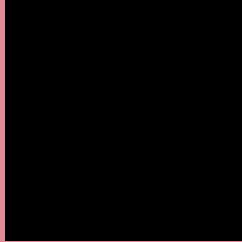
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.5145, 0.3938, 0.3161

Background



This preview shows how black text looks on a background with the Yxy color 36.5145, 0.3938, 0.3161.



This preview shows how white text looks on a background with the Yxy color 36.5145, 0.3938, 0.3161.

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

36.5145, 0.3938, 0.3161

Protanopia

36.5920, 0.3156, 0.3276

Deuteranopia

36.5348, 0.3503, 0.3429



Tritanopia

36.4825, 0.3949, 0.3173

Trichromacy



Original Color

36.5145, 0.3938, 0.3161

Protanomaly

36.1446, 0.3422, 0.3237

Deuteranomaly

36.0929, 0.3659, 0.3318

Tritanomaly

36.4825, 0.3949, 0.3173

Monochromacy



Original Color

36.5145, 0.3938, 0.3161

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

36.8798, 0.3399, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.5145, 0.3938, 0.3161 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(224, 139, 150)` looks like.

```
.text, #text, p{  
    color:rgb(224, 139, 150)  
}
```

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(224, 139, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 139, 150) }
```

Border

The CSS property to change the border of an element to Yxy 36.5145, 0.3938, 0.3161 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(224, 139, 150) }
```

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

```
.border{ border-color:rgb(224, 139, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 139, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 139, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 139, 150);  
box-shadow:4px 4px 4px 4px rgb(224, 139,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 36.5145, 0.3938, 0.3161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 139, 150) }
```

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

```
.background{ background-color: rgb(224,  
139, 150) }
```

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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