

Converting Colors

$Yxy(38.4786, 0.3753, 0.3033)$

Have a look what the booklet for
Yxy(38.4786, 0.3753, 0.3033)
contains.

Yxy(38.5470, 0.3743, 0.3032)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(38.5470, 0.3743, 0.3032)

Conversions

Conversions Part 1

Format	Color
Hex	E090A6
RGB	224, 144, 166
RGB Percent	88%, 56%, 65%
CMY	0.1217, 0.4352, 0.3491
CMYK	0.00, 0.36, 0.26, 0.12
HSL	344°, 56%, 72%
HSV	344°, 36%, 88%
XYZ	47.5862, 38.5470, 41.0007
YIQ	170.4280, 40.6180, 23.8020

Conversions

Conversions Part 2

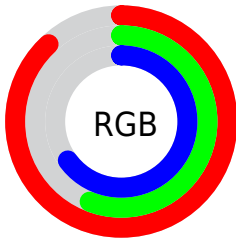
Format	Color
R _Y B	224, 144, 166
Decimal	14717094
CIE Lab	68.42, 33.14, 1.13
CIE LCh	68, 33.157, 1.954
Yxy	38.5470, 0.3743, 0.3032
Android (android.graphics.Color)	4292907174 (0xFFE090A6)
YUV	170.4280, -2.1830, 46.9826
Hunter-Lab	62.0862, 28.1611, 4.3063

Details

The Yxy color **38.5470, 0.3743, 0.3032** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **63.4863, 0.2744, 0.3569**, and the grayscale version is **40.4201, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.3273, 0.3404, 0.3067**, and **17.0847, 0.3938, 0.2951** is the 20% darker color. If you saturate the color by 10%, you get **31.8637, 0.4008, 0.2961**, and if you desaturate by 10%, it is **46.6550, 0.3523, 0.3107**.

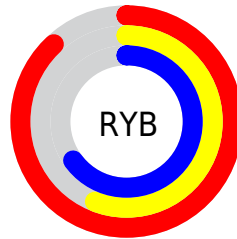
Distribution



Red (88%)

Green (56%)

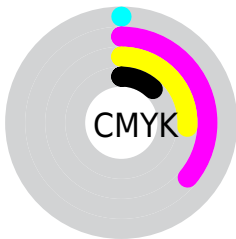
Blue (65%)



Red (88%)

Yellow (56%)

Blue (65%)

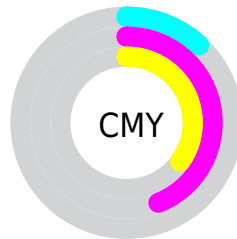


Cyan (0%)

Magenta (36%)

Yellow (26%)

Black (12%)



Cyan (12%)


Magenta (44%)


Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.5470, 0.3743, 0.3032 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 38.5470, 0.3743, 0.3032 by changing the saturation by 10% instead.


 38.5470, 0.3743,
0.3032

 38.5470, 0.3743,
0.3032


339.9607, 0.3425,
0.3166

 26.4075, 0.3826,
0.2997


 72.9458, 0.3625,
0.3082

 17.1287, 0.3933,
0.2951


 95.9738, 0.3582,
0.3100

 10.3263, 0.4080,
0.2888


123.4002, 0.3545,
0.3116

 5.6159, 0.4291,
0.2797

155.6093, 0.3514,
0.3129

 2.6129, 0.4618,
0.2654

192.9855, 0.3487,
0.3140

 0.9332, 0.5189,
0.2402


235.9132, 0.3464,


 0.0000, 1.0000,

0.3150


0.0000

284.7768, 0.3443,
0.3159


 0.0000, 0.0000,
0.0000

 38.5470, 0.3743,
0.3032


 38.5470, 0.3743,
0.3032


 31.8637, 0.4008,
0.2961


 46.6550, 0.3523,
0.3107

 26.5168, 0.4319,
0.2901


 56.2583, 0.3344,
0.3181


 22.4167, 0.4673,
0.2862

 67.4292, 0.3198,
0.3252

 19.4606, 0.5051,
0.2856

 80.2338, 0.3079,
0.3318

 17.5287, 0.5425,
0.2892

 94.0891, 0.2982,
0.3368

■ 16.4742, 0.5755,
0.2973

■ 94.5809, 0.2940,
0.3289

■ 16.1835, 0.5880,
0.3013

Harmonies

Analogous

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



38.5470, 0.3261, 0.2720



38.5470, 0.3743, 0.3032



38.5470, 0.4057, 0.3414

Triad

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



38.5470, 0.3743, 0.3032



38.5470, 0.3427, 0.4182



38.5470, 0.2241, 0.2688

Complementary

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



38.5470, 0.3743, 0.3032



63.4863, 0.2744, 0.3569

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.



38.5470, 0.2277, 0.3050



38.5470, 0.3743, 0.3032



38.5470, 0.2940, 0.3977

Square

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



38.5470, 0.3743, 0.3032



38.5470, 0.3854, 0.4093



38.5470, 0.2524, 0.3536



38.5470, 0.2414, 0.2516

Rectangle

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



38.5470, 0.3743, 0.3032



38.5470, 0.4115, 0.3675



38.5470, 0.2524, 0.3536



38.5470, 0.2229, 0.2789

Sweetspot

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



38.5488, 0.3743, 0.3032



82.1490, 0.3273, 0.3214



37.7959, 0.2962, 0.2352



17.1519, 0.3293, 0.3205



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.



38.5488, 0.3743, 0.3032



44.7315, 0.3940, 0.2977



43.4668, 0.3909, 0.3498



13.7621, 0.3249, 0.3226



9.4404, 0.5841, 0.2992



0.6692, 0.5399, 0.2748

Inverse Universe

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



38.5488, 0.3743, 0.3032



44.7315, 0.3940, 0.2977



55.7638, 0.2596, 0.3069



13.7621, 0.3249, 0.3226



9.4404, 0.5841, 0.2992



0.6692, 0.5399, 0.2748

Previews

White Background



This preview shows how the Yxy color 38.5470, 0.3743, 0.3032 looks on a white background.

Color Contrast Check

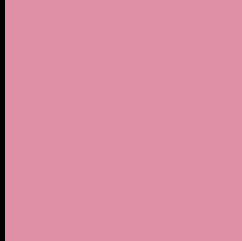
Large Text (above 18pt) WCAG AA × Fail

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 38.5470, 0.3743, 0.3032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

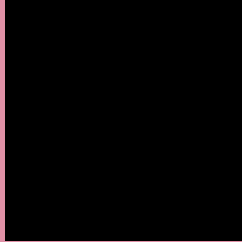
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.5470, 0.3743, 0.3032

Background



This preview shows how black text looks on a background with the Yxy color 38.5470, 0.3743, 0.3032.



This preview shows how white text looks on a background with the Yxy color 38.5470, 0.3743, 0.3032.

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

38.5470, 0.3743, 0.3032

Protanopia

38.7426, 0.3027, 0.3110

Deuteranopia

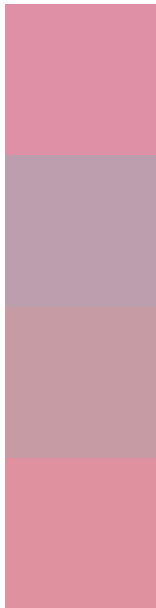
38.7993, 0.3340, 0.3277



Tritanopia

38.6801, 0.3824, 0.3161

Trichromacy



Original Color

38.5470, 0.3743, 0.3032

Protanomaly

38.2011, 0.3272, 0.3079

Deuteranomaly

38.2651, 0.3482, 0.3175

Tritanomaly

38.4768, 0.3795, 0.3113

Monochromacy



Original Color

38.5470, 0.3743, 0.3032

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.3015, 0.3334, 0.3185

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.5470, 0.3743, 0.3032 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, 144, 166)` looks like.

```
.text, #text, p{  
    color:rgb(224, 144, 166)  
}
```

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, 144, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 144, 166) }
```

Border

The CSS property to change the border of an element to Yxy 38.5470, 0.3743, 0.3032 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, 144, 166) }
```

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

```
.border{ border-color:rgb(224, 144, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 144, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 144, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 144, 166);  
box-shadow:4px 4px 4px 4px rgb(224, 144,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 38.5470, 0.3743, 0.3032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 144, 166) }
```

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

```
.background{ background-color: rgb(224,  
144, 166) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor