

Converting Colors

$Yxy(40.2628, 0.3827, 0.3206)$

Have a look what the booklet for
Yxy(40.2628, 0.3827, 0.3206)
contains.

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Color

Yxy(40.2546, 0.3830, 0.3209)

Conversions

Conversions Part 1

Format	Color
Hex	E1969D
RGB	225, 150, 157
RGB Percent	88%, 59%, 62%
CMY	0.1176, 0.4117, 0.3842
CMYK	0.00, 0.33, 0.30, 0.12
HSL	354°, 56%, 74%
HSV	354°, 33%, 88%
XYZ	48.0446, 40.2546, 37.1436
YIQ	173.2230, 42.4530, 18.0770

Conversions

Conversions Part 2

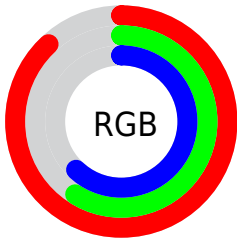
Format	Color
R _Y B	225, 150, 157
Decimal	14784157
CIE Lab	69.65, 29.11, 7.93
CIE LCh	70, 30.172, 15.233
Yxy	40.2546, 0.3830, 0.3209
Android (android.graphics.Color)	4292974237 (0xFFE1969D)
YUV	173.2230, -7.9979, 45.4084
Hunter-Lab	63.4465, 24.1370, 9.7023

Details

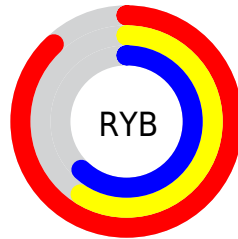
The Yxy color **40.2546, 0.3830, 0.3209** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **65.3960, 0.2692, 0.3375**, and the grayscale version is **41.9358, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.6258, 0.3471, 0.3230**, and **18.1008, 0.4047, 0.3168** is the 20% darker color. If you saturate the color by 10%, you get **33.1122, 0.4155, 0.3186**, and if you desaturate by 10%, it is **48.8957, 0.3564, 0.3234**.

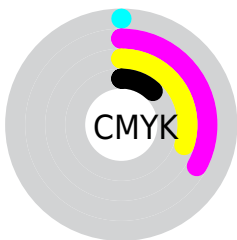
Distribution



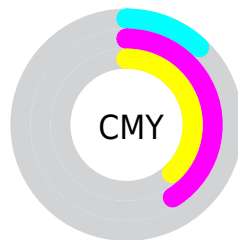
- Red (88%)
- Green (59%)
- Blue (62%)



- Red (88%)
- Yellow (59%)
- Blue (62%)



- Cyan (0%)
- Magenta (33%)
- Yellow (30%)
- Black (12%)





- Cyan (12%)
- Magenta (41%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.2546, 0.3830, 0.3209 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 40.2546, 0.3830, 0.3209 by changing the saturation by 10% instead.


 40.2546, 0.3830,
0.3209


 40.2546, 0.3830,
0.3209


347.1955, 0.3467,
0.3257

 27.7371, 0.3924,
0.3194


 75.5511, 0.3696,
0.3228

 18.1276, 0.4047,
0.3174


 99.0988, 0.3646,
0.3235

 11.0416, 0.4213,
0.3144


127.0921, 0.3604,
0.3241

 6.0948, 0.4452,
0.3096

159.9153, 0.3569,
0.3245

 2.9028, 0.4819,
0.3013

197.9529, 0.3538,
0.3249

 1.0812, 0.5507,
0.2874

241.5892, 0.3511,


 0.0000, 1.0000,


0.3252


0.0000

291.2086, 0.3488,
0.3255

 0.0000, 0.0000,
0.0000


 40.2546, 0.3830,
0.3209


 40.2546, 0.3830,
0.3209

 33.1122, 0.4155,
0.3186


 48.8957, 0.3564,
0.3234


 27.3778, 0.4542,
0.3167


 59.1081, 0.3349,
0.3259

 22.9599, 0.4979,
0.3157

 70.9663, 0.3177,
0.3283

 19.7537, 0.5435,
0.3162

 84.5386, 0.3038,
0.3304

 17.6385, 0.5855,
0.3185

 94.7475, 0.2946,
0.3289

■ 16.4686, 0.6172,
0.3225

■ 16.0618, 0.6311,
0.3250

Harmonies

Analogous

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



40.2546, 0.3449, 0.2888



40.2546, 0.3830, 0.3209



40.2546, 0.4008, 0.3566

Triad

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



40.2546, 0.3830, 0.3209



40.2546, 0.3206, 0.4036



40.2546, 0.2372, 0.2658

Complementary

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



40.2546, 0.3830, 0.3209



65.3960, 0.2692, 0.3375

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.



40.2546, 0.2319, 0.2915



40.2546, 0.3830, 0.3209



40.2546, 0.2781, 0.3745

Square

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



40.2546, 0.3830, 0.3209



40.2546, 0.3629, 0.4075



40.2546, 0.2463, 0.3315



40.2546, 0.2610, 0.2577

Rectangle

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



40.2546, 0.3830, 0.3209



40.2546, 0.3983, 0.3788



40.2546, 0.2463, 0.3315



40.2546, 0.2333, 0.2725

Sweetspot

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



40.2565, 0.3830, 0.3209



83.3954, 0.3289, 0.3267



42.0788, 0.3099, 0.2448



17.3896, 0.3314, 0.3264



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.



40.2565, 0.3830, 0.3209



46.6703, 0.4049, 0.3192



50.8532, 0.3787, 0.3642



13.7212, 0.3277, 0.3268



9.2631, 0.6290, 0.3239



0.6493, 0.6015, 0.3087

Inverse Universe

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



40.2565, 0.3830, 0.3209



46.6703, 0.4049, 0.3192



50.9516, 0.2606, 0.2907



13.7212, 0.3277, 0.3268



9.2631, 0.6290, 0.3239



0.6493, 0.6015, 0.3087

Previews

White Background



This preview shows how the Yxy color 40.2546, 0.3830, 0.3209 looks on a white background.

Color Contrast Check

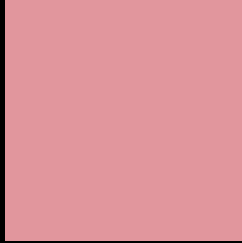
Large Text (above 18pt) WCAG AA × Fail

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 40.2546, 0.3830, 0.3209 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 40.2546, 0.3830, 0.3209

Background



This preview shows how black text looks on a background with the Yxy color 40.2546, 0.3830, 0.3209.



This preview shows how white text looks on a background with the Yxy color 40.2546, 0.3830, 0.3209.

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

40.2546, 0.3830, 0.3209

Protanopia

40.5753, 0.3181, 0.3318

Deuteranopia

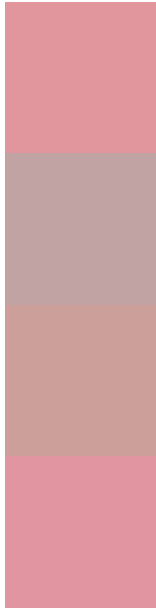
40.2215, 0.3498, 0.3423



Tritanopia

40.0757, 0.3791, 0.3150

Trichromacy



Original Color

40.2546, 0.3830, 0.3209

Protanomaly

40.2122, 0.3406, 0.3278

Deuteranomaly

40.1420, 0.3621, 0.3342

Tritanomaly

40.0405, 0.3802, 0.3162

Monochromacy



Original Color

40.2546, 0.3830, 0.3209

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

40.9068, 0.3365, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.2546, 0.3830, 0.3209 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, 150, 157)` looks like.

```
.text, #text, p{  
    color:rgb(225, 150, 157)  
}
```

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, 150, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 150, 157) }
```

Border

The CSS property to change the border of an element to Yxy 40.2546, 0.3830, 0.3209 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, 150, 157) }
```

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

```
.border{ border-color:rgb(225, 150, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 150, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 150, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 150, 157);  
box-shadow:4px 4px 4px 4px rgb(225, 150,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 40.2546, 0.3830, 0.3209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 150, 157) }
```

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

```
.background{ background-color: rgb(225,  
150, 157) }
```

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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