

Converting Colors

$Yxy(37.3951, 0.3557, 0.2823)$

Have a look what the booklet for
Yxy(37.3951, 0.3557, 0.2823)
contains.

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Color

Yxy(37.5607, 0.3561, 0.2829)

Conversions

Conversions Part 1

Format	Color
Hex	DC8DB4
RGB	220, 141, 180
RGB Percent	86%, 55%, 71%
CMY	0.1372, 0.4471, 0.2942
CMYK	0.00, 0.36, 0.18, 0.14
HSL	330°, 53%, 71%
HSV	330°, 36%, 86%
XYZ	47.2795, 37.5607, 47.9301
YIQ	169.0670, 34.5650, 28.8770

Conversions

Conversions Part 2

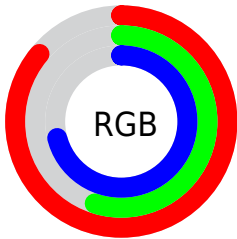
Format	Color
R _Y B	220, 141, 180
Decimal	14454196
CIE Lab	67.70, 35.41, -7.84
CIE LCh	68, 36.270, 347.520
Yxy	37.5607, 0.3561, 0.2829
Android (android.graphics.Color)	4292644276 (0xFFDC8DB4)
YUV	169.0670, 5.3900, 44.6682
Hunter-Lab	61.2868, 30.4513, -3.4677

Details

The Yxy color **37.5607, 0.3561, 0.2829** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **60.1925, 0.2842, 0.3807**, and the grayscale version is **39.6719, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.7960, 0.3293, 0.2890**, and **16.4636, 0.3687, 0.2697** is the 20% darker color. If you saturate the color by 10%, you get **31.2698, 0.3738, 0.2702**, and if you desaturate by 10%, it is **45.1803, 0.3411, 0.2961**.

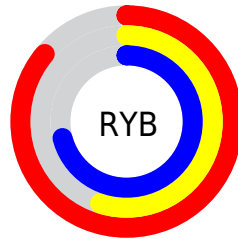
Distribution



Red (86%)

Green (55%)

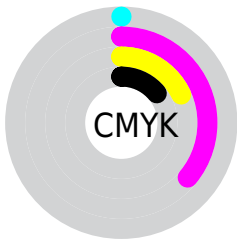
Blue (71%)



Red (86%)

Yellow (55%)

Blue (71%)

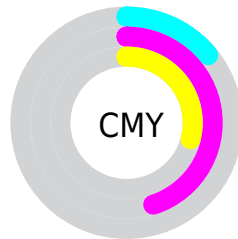


Cyan (0%)

Magenta (36%)

Yellow (18%)

Black (14%)



Cyan (14%)


Magenta (45%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.5607, 0.3561, 0.2829 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 37.5607, 0.3561, 0.2829 by changing the saturation by 10% instead.


 37.5607, 0.3561,
0.2829


 37.5607, 0.3561,
0.2829


335.7317, 0.3341,
0.3060


 25.6419, 0.3617,
0.2772


 71.4343, 0.3480,
0.2913

 16.5559, 0.3690,
0.2698


 94.1579, 0.3450,
0.2944

 9.9184, 0.3788,
0.2600


 121.2519, 0.3425,
0.2971

 5.3449, 0.3926,
0.2464

153.1007, 0.3403,
0.2994

 2.4510, 0.4137,
0.2262

190.0887, 0.3384,
0.3013

 0.8519, 0.4495,
0.1935

232.6003, 0.3368,


 0.0000, 0.6971,


0.3031


0.0000


281.0198, 0.3353,
0.3046


 0.0000, 0.0000,
0.0000


 37.5607, 0.3561,
0.2829


 37.5607, 0.3561,
0.2829


 31.2698, 0.3738,
0.2702

 45.1803, 0.3411,
0.2961


 26.2249, 0.3941,
0.2588


 54.1945, 0.3285,
0.3093


 22.3418, 0.4170,
0.2500


 64.6712, 0.3180,
0.3219

 19.5240, 0.4416,
0.2450


 76.6723, 0.3094,
0.3338

 17.6590, 0.4668,
0.2449

 90.2560, 0.3022,
0.3448

 16.6075, 0.4914,
0.2503

 93.4441, 0.2961,
0.3372

 16.3120, 0.5012,
0.2535

 93.9574, 0.2917,
0.3289

Harmonies

Analogous

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



37.5607, 0.3004, 0.2551



37.5607, 0.3561, 0.2829



37.5607, 0.4021, 0.3215

Triad

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



37.5607, 0.3561, 0.2829



37.5607, 0.3696, 0.4264



37.5607, 0.2148, 0.2791

Complementary

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



37.5607, 0.3561, 0.2829



60.1925, 0.2842, 0.3807

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.



37.5607, 0.2297, 0.3271



37.5607, 0.3561, 0.2829



37.5607, 0.3173, 0.4206

Square

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



37.5607, 0.3561, 0.2829



37.5607, 0.4085, 0.4030



37.5607, 0.2663, 0.3820



37.5607, 0.2228, 0.2504

Rectangle

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



37.5607, 0.3561, 0.2829



37.5607, 0.4187, 0.3499



37.5607, 0.2663, 0.3820



37.5607, 0.2172, 0.2933

Sweetspot

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



37.5625, 0.3561, 0.2829



82.5092, 0.3232, 0.3154



33.9825, 0.2806, 0.2304



17.2374, 0.3247, 0.3137



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.



37.5625, 0.3561, 0.2829



45.7625, 0.3690, 0.2733



36.1909, 0.3990, 0.3293



13.1581, 0.3215, 0.3175



9.5947, 0.4977, 0.2516



0.6390, 0.4612, 0.2314

Inverse Universe

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



37.5625, 0.3561, 0.2829



45.7625, 0.3690, 0.2733



62.0231, 0.2625, 0.3289



13.1581, 0.3215, 0.3175



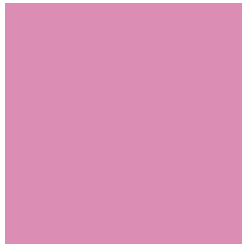
9.5947, 0.4977, 0.2516



0.6390, 0.4612, 0.2314

Previews

White Background



This preview shows how the Yxy color 37.5607, 0.3561, 0.2829 looks on a white background.

Color Contrast Check

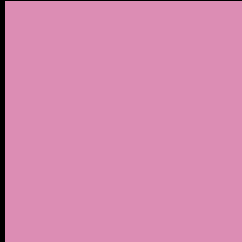
Large Text (above 18pt) WCAG AA × Fail

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 37.5607, 0.3561, 0.2829 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

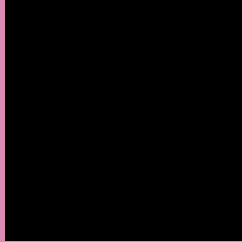
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.5607, 0.3561, 0.2829

Background



This preview shows how black text looks on a background with the Yxy color 37.5607, 0.3561, 0.2829.



This preview shows how white text looks on a background with the Yxy color 37.5607, 0.3561, 0.2829.

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

37.5607, 0.3561, 0.2829

Protanopia

37.8620, 0.2830, 0.2863

Deuteranopia

37.8544, 0.3137, 0.3085



Tritanopia

37.4028, 0.3777, 0.3157

Trichromacy



Original Color

37.5607, 0.3561, 0.2829

Protanomaly

37.3184, 0.3063, 0.2841

Deuteranomaly

37.4920, 0.3288, 0.2990

Tritanomaly

37.5686, 0.3693, 0.3037

Monochromacy



Original Color

37.5607, 0.3561, 0.2829

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

38.5048, 0.3280, 0.3105

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.5607, 0.3561, 0.2829 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(220, 141, 180)` looks like.

```
.text, #text, p{  
    color:rgb(220, 141, 180)  
}
```

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(220, 141, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 141, 180) }
```

Border

The CSS property to change the border of an element to Yxy 37.5607, 0.3561, 0.2829 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(220, 141, 180) }
```

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

```
.border{ border-color:rgb(220, 141, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 141, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 141, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 141, 180);  
box-shadow:4px 4px 4px 4px rgb(220, 141,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 37.5607, 0.3561, 0.2829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 141, 180) }
```

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

```
.background{ background-color: rgb(220,  
141, 180) }
```

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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