

Converting Colors

$Yxy(37.8639, 0.3466, 0.2617)$

Have a look what the booklet for
Yxy(37.8639, 0.3466, 0.2617)
contains.

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Color

Yxy(37.7626, 0.3463, 0.2609)

Conversions

Conversions Part 1

Format	Color
Hex	E288C4
RGB	226, 136, 196
RGB Percent	89%, 53%, 77%
CMY	0.1138, 0.4666, 0.2315
CMYK	0.00, 0.40, 0.13, 0.11
HSL	320°, 61%, 71%
HSV	320°, 40%, 89%
XYZ	50.1234, 37.7626, 56.8538
YIQ	169.7500, 34.3800, 37.7400

Conversions

Conversions Part 2

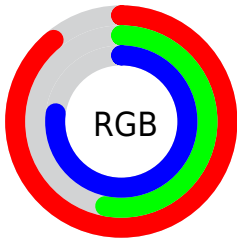
Format	Color
R _Y B	226, 136, 196
Decimal	14846148
CIE Lab	67.85, 42.56, -16.49
CIE LCh	68, 45.640, 338.820
Yxy	37.7626, 0.3463, 0.2609
Android (android.graphics.Color)	4293036228 (0xFFE288C4)
YUV	169.7500, 12.9413, 49.3312
Hunter-Lab	61.4513, 38.0556, -11.8383

Details

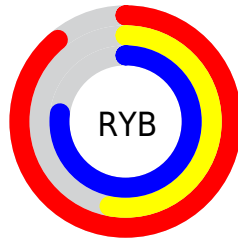
The Yxy color **37.7626, 0.3463, 0.2609** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **62.3700, 0.2902, 0.4092**, and the grayscale version is **39.9906, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.6135, 0.3171, 0.2681**, and **16.7287, 0.3555, 0.2436** is the 20% darker color. If you saturate the color by 10%, you get **31.7202, 0.3581, 0.2447**, and if you desaturate by 10%, it is **45.1675, 0.3359, 0.2782**.

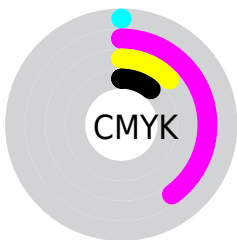
Distribution



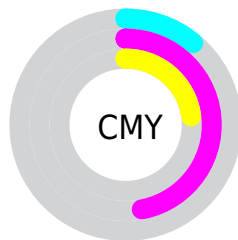
- Red (89%)
- Green (53%)
- Blue (77%)



- Red (89%)
- Yellow (53%)
- Blue (77%)



- Cyan (0%)
- Magenta (40%)
- Yellow (13%)
- Black (11%)




- Cyan (11%)
- Magenta (47%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.7626, 0.3463, 0.2609 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 37.7626, 0.3463, 0.2609 by changing the saturation by 10% instead.


 37.7626, 0.3463,
0.2609


 37.7626, 0.3463,
0.2609


336.6005, 0.3299,
0.2941


 25.7985, 0.3503,
0.2529

 71.7441, 0.3404,
0.2727

 16.6729, 0.3553,
0.2428


 94.5303, 0.3382,
0.2773

 10.0016, 0.3618,
0.2297

 121.6927, 0.3363,
0.2811

 5.4000, 0.3706,
0.2120

153.6156, 0.3347,
0.2844

 2.4838, 0.3832,
0.1871

190.6834, 0.3332,
0.2873

 0.8685, 0.4022,
0.1496

233.2806, 0.3320,


 0.0000, 0.4763,

0.2898

0.0000


281.7915, 0.3309,
0.2921


 0.0000, 0.0000,
0.0000

 37.7626, 0.3463,
0.2609


 37.7626, 0.3463,
0.2609


 31.7202, 0.3581,
0.2447

 45.1675, 0.3359,
0.2782


 26.9498, 0.3713,
0.2305


 54.0076, 0.3268,
0.2957

 23.3582, 0.3853,
0.2195

 64.3565, 0.3191,
0.3129

 20.8369, 0.4000,
0.2127


 76.2813, 0.3126,
0.3293

 19.2574, 0.4146,
0.2109


 89.8450, 0.3071,
0.3448

 18.4004, 0.4289,
0.2137

 94.0475, 0.3028,
0.3430

 18.3861, 0.4292,
0.2138

 94.5079, 0.2986,
0.3353

 94.9048, 0.2952,
0.3289

Harmonies

Analogous

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



37.7626, 0.2778, 0.2325



37.7626, 0.3463, 0.2609



37.7626, 0.4110, 0.3039

Triad

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



37.7626, 0.3463, 0.2609



37.7626, 0.3982, 0.4443



37.7626, 0.1952, 0.2802

Complementary

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



37.7626, 0.3463, 0.2609



62.3700, 0.2902, 0.4092

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.



37.7626, 0.2203, 0.3458



37.7626, 0.3463, 0.2609



37.7626, 0.3360, 0.4527

Square

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



37.7626, 0.3463, 0.2609



37.7626, 0.4401, 0.4050



37.7626, 0.2708, 0.4150



37.7626, 0.1973, 0.2388

Rectangle

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



37.7626, 0.3463, 0.2609



37.7626, 0.4391, 0.3372



37.7626, 0.2708, 0.4150



37.7626, 0.2005, 0.2999

Sweetspot

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



37.7644, 0.3463, 0.2609



81.3665, 0.3208, 0.3090



31.2129, 0.2631, 0.2146



17.0209, 0.3217, 0.3068



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.



37.7644, 0.3463, 0.2609



42.7895, 0.3563, 0.2470



36.0151, 0.3958, 0.3116



13.8538, 0.3189, 0.3135



10.5147, 0.4270, 0.2126



0.7452, 0.4065, 0.2013

Inverse Universe

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



37.7644, 0.3463, 0.2609



42.7895, 0.3563, 0.2470



64.3181, 0.2656, 0.3479



13.8538, 0.3189, 0.3135



10.5147, 0.4270, 0.2126



0.7452, 0.4065, 0.2013

Previews

White Background



This preview shows how the Yxy color 37.7626, 0.3463, 0.2609 looks on a white background.

Color Contrast Check

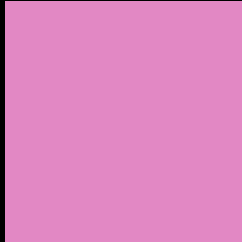
Large Text (above 18pt) WCAG AA × Fail

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 37.7626, 0.3463, 0.2609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

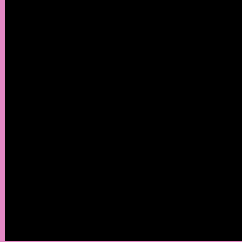
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.7626, 0.3463, 0.2609

Background



This preview shows how black text looks on a background with the Yxy color 37.7626, 0.3463, 0.2609.



This preview shows how white text looks on a background with the Yxy color 37.7626, 0.3463, 0.2609.

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

37.7626, 0.3463, 0.2609

Protanopia

38.1326, 0.2632, 0.2607

Deuteranopia

38.1483, 0.2955, 0.2898



Tritanopia

37.6852, 0.3832, 0.3160

Trichromacy



Original Color

37.7626, 0.3463, 0.2609



Protanomaly

37.2490, 0.2895, 0.2597



Deuteranomaly

37.5799, 0.3123, 0.2777



Tritanomaly

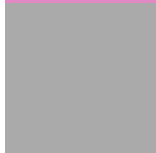
37.6400, 0.3698, 0.2948

Monochromacy



Original Color

37.7626, 0.3463, 0.2609



Achromatopsia

40.1978, 0.3127, 0.3290



Achromatomaly

38.6555, 0.3246, 0.3016

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.7626, 0.3463, 0.2609 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(226, 136, 196)` looks like.

```
.text, #text, p{  
    color:rgb(226, 136, 196)  
}
```

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(226, 136, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 136, 196) }
```

Border

The CSS property to change the border of an element to Yxy 37.7626, 0.3463, 0.2609 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(226, 136, 196) }
```

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

```
.border{ border-color:rgb(226, 136, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 136, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 136, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 136, 196);  
box-shadow:4px 4px 4px 4px rgb(226, 136,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 37.7626, 0.3463, 0.2609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 136, 196) }
```

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

```
.background{ background-color: rgb(226,  
136, 196) }
```

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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