

Converting Colors

$Y_{xy}(44.2605, 0.3360, 0.2606)$

Have a look what the booklet for
Yxy(44.2605, 0.3360, 0.2606)
contains.

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Color

Yxy(44.2790, 0.3365, 0.2606)

Conversions

Conversions Part 1

Format	Color
Hex	EB96D5
RGB	235, 150, 213
RGB Percent	92%, 59%, 84%
CMY	0.0784, 0.4117, 0.1649
CMYK	0.00, 0.36, 0.09, 0.08
HSL	316°, 68%, 75%
HSV	316°, 36%, 92%
XYZ	57.1753, 44.2790, 68.4574
YIQ	182.5970, 30.4370, 37.6130

Conversions

Conversions Part 2

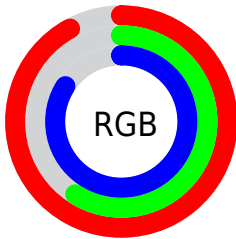
Format	Color
R _Y B	235, 150, 213
Decimal	15439573
CIE Lab	72.41, 40.98, -18.90
CIE LCh	72, 45.129, 335.244
Yxy	44.2790, 0.3365, 0.2606
Android (android.graphics.Color)	4293629653 (0xFFEB96D5)
YUV	182.5970, 14.9887, 45.9574
Hunter-Lab	66.5425, 36.9233, -14.4165

Details

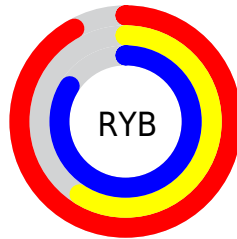
The Yxy color $44.2790, 0.3365, 0.2606$ is a light color, and the websafe version is hex FF99CC . A complement of this color would be $68.8870, 0.2954, 0.4092$, and the grayscale version is $47.0268, 0.3127, 0.3290$.

A 20% lighter version of the original color is $72.1426, 0.3150, 0.2801$, and $20.4830, 0.3426, 0.2436$ is the 20% darker color. If you saturate the color by 10%, you get $37.2138, 0.3453, 0.2423$, and if you desaturate by 10%, it is $52.8638, 0.3287, 0.2798$.

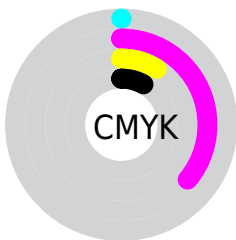
Distribution



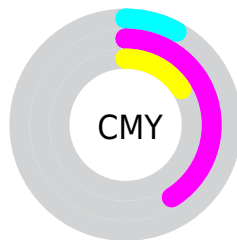
- Red (92%)
- Green (59%)
- Blue (84%)



- Red (92%)
- Yellow (59%)
- Blue (84%)



- Cyan (0%)
- Magenta (36%)
- Yellow (9%)
- Black (8%)




- Cyan (8%)
- Magenta (41%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.2790, 0.3365, 0.2606 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 44.2790, 0.3365, 0.2606 by changing the saturation by 10% instead.


 44.2790, 0.3365,
0.2606


 44.2790, 0.3365,
0.2606

363.8456, 0.3254,
0.2930

 30.8899, 0.3390,
0.2530


 81.6374, 0.3327,
0.2720

 20.5150, 0.3421,
0.2436


 106.3755, 0.3312,
0.2764

 12.7700, 0.3460,
0.2316


135.6654, 0.3299,
0.2801

 7.2703, 0.3511,
0.2157

169.8915, 0.3288,
0.2834

 3.6317, 0.3578,
0.1939

209.4382, 0.3278,
0.2863

 1.4698, 0.3670,
0.1624

254.6898, 0.3269,

 0.2673, 0.3944,

0.2888

0.0795

306.0308, 0.3261,
0.2910

0.0000, 0.3321,
0.0000

0.0000, 0.0000,
0.0000

44.2790, 0.3365,
0.2606

44.2790, 0.3365,
0.2606

37.2138, 0.3453,
0.2423

52.8638, 0.3287,
0.2798

31.5716, 0.3550,
0.2258

63.0451, 0.3218,
0.2990

27.2542, 0.3654,
0.2123

74.9020, 0.3159,
0.3178

24.1482, 0.3761,
0.2026

88.5064, 0.3109,
0.3357

■ 22.1214, 0.3868,
0.1977

■ 95.6812, 0.3070,
0.3405

■ 21.0090, 0.3971,
0.1975

■ 96.0566, 0.3036,
0.3344

■ 20.7216, 0.4011,
0.1983

■ 96.4036, 0.3005,
0.3290

Harmonies

Analogous

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



44.2790, 0.2731, 0.2356



44.2790, 0.3365, 0.2606



44.2790, 0.3987, 0.3002

Triad

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



44.2790, 0.3365, 0.2606



44.2790, 0.3997, 0.4344



44.2790, 0.2032, 0.2900

Complementary

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



44.2790, 0.3365, 0.2606



68.8870, 0.2954, 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.



44.2790, 0.2303, 0.3531



44.2790, 0.3365, 0.2606



44.2790, 0.3426, 0.4458

Square

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



44.2790, 0.3365, 0.2606



44.2790, 0.4353, 0.3961



44.2790, 0.2806, 0.4153



44.2790, 0.2020, 0.2475

Rectangle

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



44.2790, 0.3365, 0.2606



44.2790, 0.4276, 0.3316



44.2790, 0.2806, 0.4153



44.2790, 0.2093, 0.3094

Sweetspot

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



44.2810, 0.3365, 0.2606



82.9310, 0.3187, 0.3087



36.5009, 0.2629, 0.2244



17.3381, 0.3195, 0.3062



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.



44.2810, 0.3365, 0.2606



47.1397, 0.3426, 0.2476



42.4290, 0.3779, 0.3051



15.2432, 0.3177, 0.3117



11.5535, 0.3995, 0.1974



0.9228, 0.3862, 0.1901

Inverse Universe

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



44.2810, 0.3365, 0.2606



47.1397, 0.3426, 0.2476



70.7490, 0.2728, 0.3548



15.2432, 0.3177, 0.3117



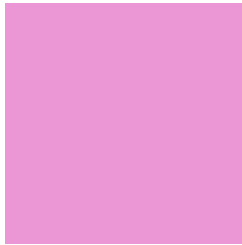
11.5535, 0.3995, 0.1974



0.9228, 0.3862, 0.1901

Previews

White Background



This preview shows how the Yxy color 44.2790, 0.3365, 0.2606 looks on a white background.

Color Contrast Check

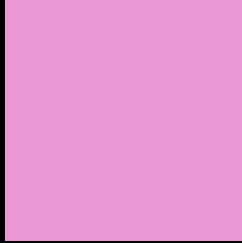
Large Text (above 18pt) WCAG AA × Fail

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 44.2790, 0.3365, 0.2606 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

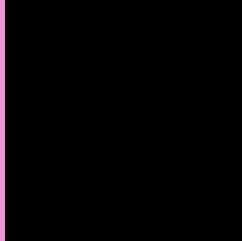
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.2790, 0.3365, 0.2606

Background



This preview shows how black text looks on a background with the Yxy color 44.2790, 0.3365, 0.2606.

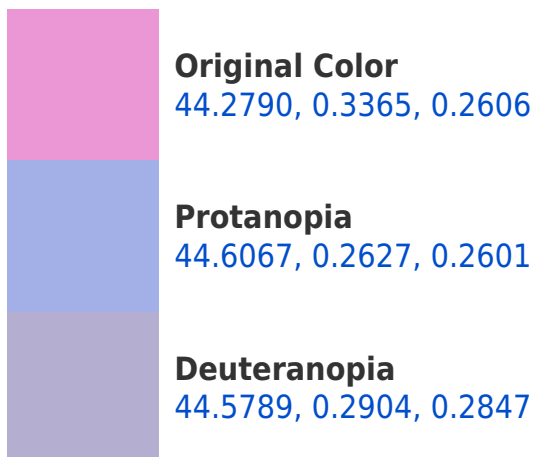


This preview shows how white text looks on a background with the Yxy color 44.2790, 0.3365, 0.2606.

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





Tritanopia

44.1790, 0.3720, 0.3153

Trichromacy



Original Color

44.2790, 0.3365, 0.2606



Protanomaly

43.8381, 0.2863, 0.2601



Deuteranomaly

43.8428, 0.3064, 0.2747



Tritanomaly

44.1437, 0.3587, 0.2940

Monochromacy



Original Color

44.2790, 0.3365, 0.2606



Achromatopsia

47.3531, 0.3127, 0.3290



Achromatomaly

45.5774, 0.3212, 0.3008

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.2790, 0.3365, 0.2606 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(235, 150, 213)` looks like.

```
.text, #text, p{  
    color:rgb(235, 150, 213)  
}
```

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(235, 150, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 150, 213) }
```

Border

The CSS property to change the border of an element to Yxy 44.2790, 0.3365, 0.2606 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(235, 150, 213) }
```

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

```
.border{ border-color:rgb(235, 150, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 150, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 150, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 150, 213);  
box-shadow:4px 4px 4px 4px rgb(235, 150,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 44.2790, 0.3365, 0.2606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 150, 213) }
```

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

```
.background{ background-color: rgb(235,  
150, 213) }
```

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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