

Converting Colors

Yxy(31.4993, 0.3819, 0.2495)

Have a look what the booklet for
Yxy(31.4993, 0.3819, 0.2495)
contains.

Yxy(31.6079, 0.3815, 0.2495)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(31.6079, 0.3815, 0.2495)

Conversions

Conversions Part 1

Format	Color
Hex	ED6AB4
RGB	237, 106, 180
RGB Percent	93%, 42%, 71%
CMY	0.0704, 0.5844, 0.2940
CMYK	0.00, 0.55, 0.24, 0.07
HSL	326°, 78%, 67%
HSV	326°, 55%, 93%
XYZ	48.3303, 31.6079, 46.7468
YIQ	153.6050, 54.3220, 50.7860

Conversions

Conversions Part 2

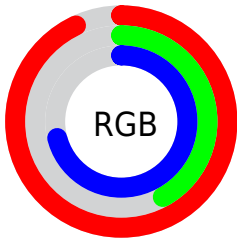
Format	Color
R _Y B	237, 106, 180
Decimal	15559348
CIE Lab	63.02, 58.49, -14.64
CIE LCh	63, 60.296, 345.947
Yxy	31.6079, 0.3815, 0.2495
Android (android.graphics.Color)	4293749428 (0xFFED6AB4)
YUV	153.6050, 13.0127, 73.1374
Hunter-Lab	56.2209, 55.0610, -9.9440

Details

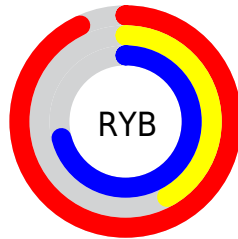
The Yxy color **31.6079, 0.3815, 0.2495** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **66.3002, 0.2776, 0.4296**, and the grayscale version is **32.0545, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.1568, 0.3325, 0.2550**, and **13.1939, 0.4024, 0.2279** is the 20% darker color. If you saturate the color by 10%, you get **26.9777, 0.4004, 0.2390**, and if you desaturate by 10%, it is **37.6222, 0.3645, 0.2626**.

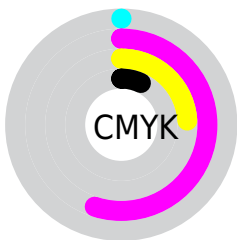
Distribution



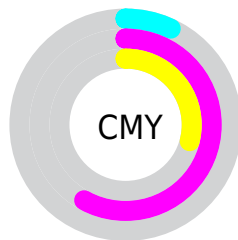
- Red (93%)
- Green (42%)
- Blue (71%)



- Red (93%)
- Yellow (42%)
- Blue (71%)



- Cyan (0%)
- Magenta (55%)
- Yellow (24%)
- Black (7%)




- Cyan (7%)
- Magenta (58%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.6079, 0.3815, 0.2495 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 31.6079, 0.3815, 0.2495 by changing the saturation by 10% instead.


 31.6079, 0.3815,
0.2495


 31.6079, 0.3815,
0.2495


309.3292, 0.3464,
0.2891

 21.0622, 0.3905,
0.2398


 62.1959, 0.3686,
0.2638

 13.1695, 0.4021,
0.2274


 83.0070, 0.3638,
0.2692

 7.5453, 0.4177,
0.2111


 108.0086, 0.3597,
0.2737

 3.8054, 0.4397,
0.1889

 137.5852, 0.3563,
0.2777

 1.5653, 0.4727,
0.1573

172.1212, 0.3533,
0.2811

 0.3341, 0.5412,
0.0858

212.0009, 0.3507,

 0.0000, 0.7921,

0.2841

0.0000

257.6088, 0.3484,
0.2867

0.0000, 0.0000,
0.0000

31.6079, 0.3815,
0.2495

31.6079, 0.3815,
0.2495

26.9777, 0.4004,
0.2390

37.6222, 0.3645,
0.2626

23.6119, 0.4207,
0.2322

45.1179, 0.3495,
0.2772

21.3784, 0.4415,
0.2304

54.1888, 0.3368,
0.2923

20.1126, 0.4620,
0.2340

64.9194, 0.3259,
0.3073

19.7315, 0.4714,
0.2370

77.3886, 0.3169,
0.3217

■ 91.6697, 0.3093,
0.3353

■ 96.5735, 0.3033,
0.3317

■ 96.7522, 0.3018,
0.3290

Harmonies

Analogous

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



31.6079, 0.2838, 0.2085



31.6079, 0.3815, 0.2495



31.6079, 0.4671, 0.3066

Triad

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



31.6079, 0.3815, 0.2495



31.6079, 0.4042, 0.4939



31.6079, 0.1550, 0.2419

Complementary

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



31.6079, 0.3815, 0.2495



66.3002, 0.2776, 0.4296

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.



31.6079, 0.1764, 0.3247



31.6079, 0.3815, 0.2495



31.6079, 0.3170, 0.5017

Square

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



31.6079, 0.3815, 0.2495



31.6079, 0.4728, 0.4385



31.6079, 0.2334, 0.4321



31.6079, 0.1662, 0.1995

Rectangle

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



31.6079, 0.3815, 0.2495



31.6079, 0.4963, 0.3494



31.6079, 0.2334, 0.4321



31.6079, 0.1583, 0.2649

Sweetspot

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



31.6095, 0.3815, 0.2495



74.2366, 0.3277, 0.3046



24.1799, 0.2489, 0.1695



15.3237, 0.3298, 0.3016



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.



31.6095, 0.3815, 0.2495



31.3966, 0.4023, 0.2381



29.5442, 0.4678, 0.3202



15.1966, 0.3205, 0.3158



10.7949, 0.4683, 0.2353



0.8669, 0.4422, 0.2210

Inverse Universe

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



31.6095, 0.3815, 0.2495



31.3966, 0.4023, 0.2381



69.2748, 0.2466, 0.3397



15.1966, 0.3205, 0.3158



10.7949, 0.4683, 0.2353



0.8669, 0.4422, 0.2210

Previews

White Background



This preview shows how the Yxy color 31.6079, 0.3815, 0.2495 looks on a white background.

Color Contrast Check

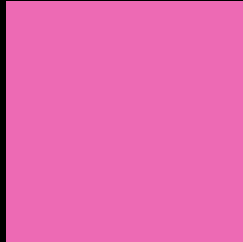
Large Text (above 18pt) WCAG AA × Fail

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 31.6079, 0.3815, 0.2495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

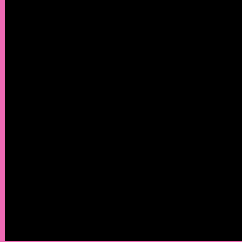
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.6079, 0.3815, 0.2495

Background



This preview shows how black text looks on a background with the Yxy color 31.6079, 0.3815, 0.2495.



This preview shows how white text looks on a background with the Yxy color 31.6079, 0.3815, 0.2495.

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

31.6079, 0.3815, 0.2495

Protanopia

32.0376, 0.2501, 0.2432

Deuteranopia

31.7811, 0.2995, 0.2939



Tritanopia

31.6190, 0.4410, 0.3204

Trichromacy



Original Color

31.6079, 0.3815, 0.2495



Protanomaly

30.2687, 0.2889, 0.2422



Deuteranomaly

30.4744, 0.3272, 0.2716



Tritanomaly

31.6024, 0.4193, 0.2936

Monochromacy



Original Color

31.6079, 0.3815, 0.2495



Achromatopsia

32.3143, 0.3127, 0.3290



Achromatomaly

30.7260, 0.3372, 0.2933

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.6079, 0.3815, 0.2495 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(237, 106, 180)` looks like.

```
.text, #text, p{  
    color:rgb(237, 106, 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(237, 106, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 106, 180) }
```

Border

The CSS property to change the border of an element to Yxy 31.6079, 0.3815, 0.2495 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(237, 106, 180) }
```

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

```
.border{ border-color:rgb(237, 106, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 106, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 106, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 106, 180);  
box-shadow:4px 4px 4px 4px rgb(237, 106,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 31.6079, 0.3815, 0.2495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 106, 180) }
```

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

```
.background{ background-color: rgb(237,  
106, 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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