

Converting Colors

Yxy(31.9865, 0.3553, 0.2441)

Have a look what the booklet for
Yxy(31.9865, 0.3553, 0.2441)
contains.

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Color

Yxy(31.9867, 0.3550, 0.2444)

Conversions

Conversions Part 1

Format	Color
Hex	E173BE
RGB	225, 115, 190
RGB Percent	88%, 45%, 75%
CMY	0.1179, 0.5488, 0.2550
CMYK	0.00, 0.49, 0.16, 0.12
HSL	319°, 65%, 67%
HSV	319°, 49%, 88%
XYZ	46.4619, 31.9867, 52.4299
YIQ	156.4400, 41.4850, 46.6450

Conversions

Conversions Part 2

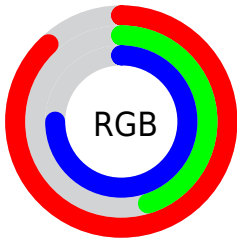
Format	Color
R_{YB}	225, 115, 190
Decimal	14775230
CIE _{Lab}	63.33, 51.93, -19.98
CIE _{LCh}	63, 55.637, 338.953
Yxy	31.9867, 0.3550, 0.2444
Android (android.graphics.Color)	4292965310 (0xFFE173BE)
YUV	156.4400, 16.5451, 60.1271
Hunter-Lab	56.5568, 47.6648, -15.3739

Details

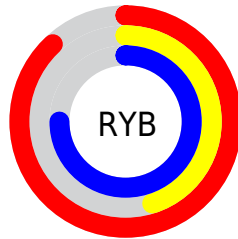
The Yxy color **31.9867, 0.3550, 0.2444** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **59.6713, 0.2873, 0.4341**, and the grayscale version is **33.3674, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.6633, 0.3237, 0.2538**, and **13.3306, 0.3670, 0.2219** is the 20% darker color. If you saturate the color by 10%, you get **27.1610, 0.3673, 0.2297**, and if you desaturate by 10%, it is **38.0824, 0.3439, 0.2611**.

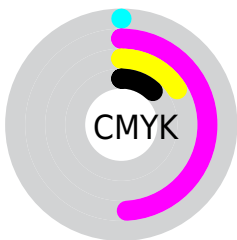
Distribution



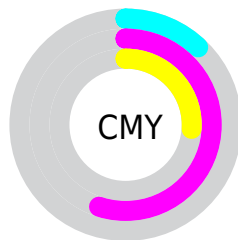
- Red (88%)
- Green (45%)
- Blue (75%)



- Red (88%)
- Yellow (45%)
- Blue (75%)



- Cyan (0%)
- Magenta (49%)
- Yellow (16%)
- Black (12%)




- Cyan (12%)
- Magenta (55%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.9867, 0.3550, 0.2444 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 31.9867, 0.3550, 0.2444 by changing the saturation by 10% instead.


 31.9867, 0.3550,
0.2444

 31.9867, 0.3550,
0.2444


311.0587, 0.3341,
0.2860


 21.3513, 0.3601,
0.2343


 62.7902, 0.3475,
0.2593

 13.3811, 0.3666,
0.2215


 83.7272, 0.3446,
0.2650

 7.6915, 0.3750,
0.2049


 108.8668, 0.3422,
0.2698

 3.8982, 0.3865,
0.1824

138.5935, 0.3401,
0.2740

 1.6168, 0.4028,
0.1509

173.2916, 0.3383,
0.2776

 0.3689, 0.4363,
0.0855

213.3456, 0.3368,

 0.0000, 0.4882,

0.2807


0.0000


259.1398, 0.3354,
0.2835

 0.0000, 0.0000,
0.0000

 31.9867, 0.3550,
0.2444


 31.9867, 0.3550,
0.2444

 27.1610, 0.3673,
0.2297


 38.0824, 0.3439,
0.2611


 23.5080, 0.3806,
0.2180


 45.5272, 0.3340,
0.2788


 20.9236, 0.3943,
0.2105


 54.3989, 0.3255,
0.2967


 19.2828, 0.4081,
0.2079

 64.7680, 0.3182,
0.3142

 18.3944, 0.4215,
0.2101

 76.7005, 0.3121,
0.3309

 18.3112, 0.4231,
0.2104

 90.2584, 0.3069,
0.3466

 93.8146, 0.3028,
0.3441

 94.2486, 0.2988,
0.3368

 94.6996, 0.2949,
0.3296

Harmonies

Analogous

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



31.9867, 0.2676, 0.2102



31.9867, 0.3550, 0.2444



31.9867, 0.4396, 0.2958

Triad

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



31.9867, 0.3550, 0.2444



31.9867, 0.4165, 0.4732



31.9867, 0.1672, 0.2639

Complementary

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



31.9867, 0.3550, 0.2444



59.6713, 0.2873, 0.4341

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.



31.9867, 0.1957, 0.3483



31.9867, 0.3550, 0.2444



31.9867, 0.3378, 0.4913

Square

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



31.9867, 0.3550, 0.2444



31.9867, 0.4722, 0.4189



31.9867, 0.2568, 0.4429



31.9867, 0.1705, 0.2149

Rectangle

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



31.9867, 0.3550, 0.2444



31.9867, 0.4753, 0.3355



31.9867, 0.2568, 0.4429



31.9867, 0.1730, 0.2885

Sweetspot

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



31.9882, 0.3550, 0.2444



77.2178, 0.3226, 0.3033



24.1755, 0.2471, 0.1851



15.9231, 0.3242, 0.2996



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.



31.9882, 0.3550, 0.2444



35.7833, 0.3680, 0.2289



30.0261, 0.4233, 0.3058



13.8575, 0.3186, 0.3131



10.5797, 0.4211, 0.2093



0.7494, 0.4018, 0.1987

Inverse Universe

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



31.9882, 0.3550, 0.2444



35.7833, 0.3680, 0.2289



61.8669, 0.2584, 0.3555



13.8575, 0.3186, 0.3131



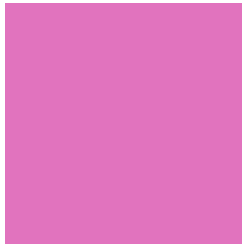
10.5797, 0.4211, 0.2093



0.7494, 0.4018, 0.1987

Previews

White Background



This preview shows how the Yxy color 31.9867, 0.3550, 0.2444 looks on a white background.

Color Contrast Check

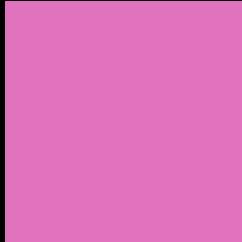
Large Text (above 18pt) WCAG AA × Fail

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 31.9867, 0.3550, 0.2444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

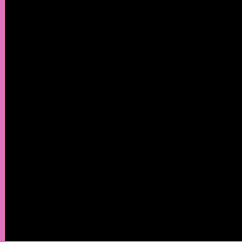
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.9867, 0.3550, 0.2444

Background



This preview shows how black text looks on a background with the Yxy color 31.9867, 0.3550, 0.2444.



This preview shows how white text looks on a background with the Yxy color 31.9867, 0.3550, 0.2444.

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

31.9867, 0.3550, 0.2444

Protanopia

32.5346, 0.2464, 0.2387

Deuteranopia

32.1434, 0.2863, 0.2799



Tritanopia

32.0164, 0.4102, 0.3184

Trichromacy



Original Color

31.9867, 0.3550, 0.2444



Protanomaly

31.1857, 0.2786, 0.2385



Deuteranomaly

31.1398, 0.3096, 0.2632



Tritanomaly

31.9384, 0.3893, 0.2898

Monochromacy



Original Color

31.9867, 0.3550, 0.2444



Achromatopsia

33.2452, 0.3127, 0.3290



Achromatomaly

31.7007, 0.3282, 0.2918

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.9867, 0.3550, 0.2444 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, 115, 190)` looks like.

```
.text, #text, p{  
    color:rgb(225, 115, 190)  
}
```

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, 115, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 115, 190) }
```

Border

The CSS property to change the border of an element to Yxy 31.9867, 0.3550, 0.2444 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, 115, 190) }
```

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

```
.border{ border-color:rgb(225, 115, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 115, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 115, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 115, 190);  
box-shadow:4px 4px 4px 4px rgb(225, 115,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 31.9867, 0.3550, 0.2444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 115, 190) }
```

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

```
.background{ background-color: rgb(225,  
115, 190) }
```

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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