

Converting Colors

Yxy(31.5837, 0.3870, 0.2948)

Have a look what the booklet for
Yxy(31.5837, 0.3870, 0.2948)
contains.

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Color

Yxy(31.5661, 0.3869, 0.2950)

Conversions

Conversions Part 1

Format	Color
Hex	D87D99
RGB	216, 125, 153
RGB Percent	85%, 49%, 60%
CMY	0.1530, 0.5098, 0.4001
CMYK	0.00, 0.42, 0.29, 0.15
HSL	342°, 54%, 67%
HSV	342°, 42%, 85%
XYZ	41.3997, 31.5661, 34.0379
YIQ	155.4010, 45.2480, 28.0000

Conversions

Conversions Part 2

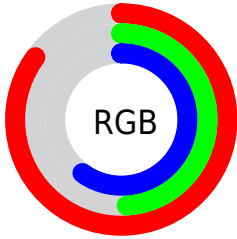
Format	Color
R _Y B	216, 125, 153
Decimal	14187929
CIE Lab	62.98, 38.57, 0.44
CIE LCh	63, 38.575, 0.654
Yxy	31.5661, 0.3869, 0.2950
Android (android.graphics.Color)	4292378009 (0xFFD87D99)
YUV	155.4010, -1.1837, 53.1453
Hunter-Lab	56.1837, 33.2087, 3.4088

Details

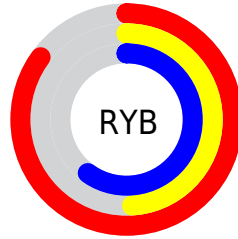
The Yxy color **31.5661, 0.3869, 0.2950** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **57.1024, 0.2705, 0.3670**, and the grayscale version is **32.9564, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.0052, 0.3551, 0.3002**, and **13.0953, 0.4124, 0.2830** is the 20% darker color. If you saturate the color by 10%, you get **26.2164, 0.4147, 0.2877**, and if you desaturate by 10%, it is **38.1699, 0.3634, 0.3032**.

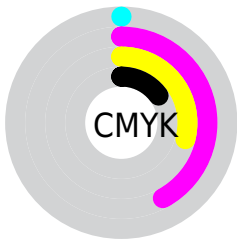
Distribution



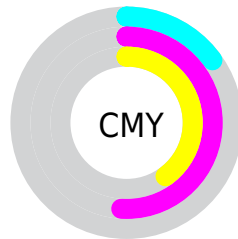
- Red (85%)
- Green (49%)
- Blue (60%)



- Red (85%)
- Yellow (49%)
- Blue (60%)



- Cyan (0%)
- Magenta (42%)
- Yellow (29%)
- Black (15%)





- Cyan (15%)
- Magenta (51%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.5661, 0.3869, 0.2950 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 31.5661, 0.3869, 0.2950 by changing the saturation by 10% instead.


 31.5661, 0.3869,
0.2950

 31.5661, 0.3869,
0.2950


309.1379, 0.3475,
0.3131


 21.0303, 0.3975,
0.2901


 62.1302, 0.3720,
0.3019

 13.1462, 0.4117,
0.2835

 82.9274, 0.3666,
0.3044

 7.5293, 0.4315,
0.2744


 107.9138, 0.3620,
0.3064

 3.7952, 0.4608,
0.2608

137.4738, 0.3582,
0.3082

 1.5597, 0.5084,
0.2386

171.9918, 0.3550,
0.3097

 0.3302, 0.6682,
0.1663

211.8522, 0.3521,

 0.0000, 1.0000,

0.3110

0.0000

257.4395, 0.3496,
0.3121

0.0000, 0.0000,
0.0000

31.5661, 0.3869,
0.2950

31.5661, 0.3869,
0.2950

26.2164, 0.4147,
0.2877

38.1699, 0.3634,
0.3032

22.0361, 0.4468,
0.2821

46.0961, 0.3440,
0.3116

18.9371, 0.4821,
0.2795

55.4138, 0.3281,
0.3197

16.8168, 0.5184,
0.2811

66.1857, 0.3151,
0.3274

15.5522, 0.5525,
0.2874

78.4707, 0.3046,
0.3346

■ 14.9962, 0.5762,
0.2948

■ 92.3245, 0.2960,
0.3412

■ 93.3382, 0.2894,
0.3289

Harmonies

Analogous

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



31.5661, 0.3259, 0.2585



31.5661, 0.3869, 0.2950



31.5661, 0.4276, 0.3403

Triad

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



31.5661, 0.3869, 0.2950



31.5661, 0.3509, 0.4413



31.5661, 0.2047, 0.2556

Complementary

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



31.5661, 0.3869, 0.2950



57.1024, 0.2705, 0.3670

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.



31.5661, 0.2098, 0.3002



31.5661, 0.3869, 0.2950



31.5661, 0.2910, 0.4182

Square

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



31.5661, 0.3869, 0.2950



31.5661, 0.4033, 0.4259



31.5661, 0.2399, 0.3621



31.5661, 0.2242, 0.2350

Rectangle

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



31.5661, 0.3869, 0.2950



31.5661, 0.4353, 0.3719



31.5661, 0.2399, 0.3621



31.5661, 0.2036, 0.2679

Sweetspot

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



31.5676, 0.3869, 0.2950



79.2513, 0.3296, 0.3189



30.2159, 0.2894, 0.2171



16.2874, 0.3329, 0.3171



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.



31.5676, 0.3869, 0.2950



38.6284, 0.4128, 0.2881



35.3337, 0.4123, 0.3498



12.4830, 0.3243, 0.3219



8.8937, 0.5722, 0.2926



0.5511, 0.5225, 0.2652

Inverse Universe

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



31.5676, 0.3869, 0.2950



38.6284, 0.4128, 0.2881



50.3105, 0.2519, 0.3065



12.4830, 0.3243, 0.3219



8.8937, 0.5722, 0.2926



0.5511, 0.5225, 0.2652

Previews

White Background



This preview shows how the Yxy color 31.5661, 0.3869, 0.2950 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 31.5661, 0.3869, 0.2950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

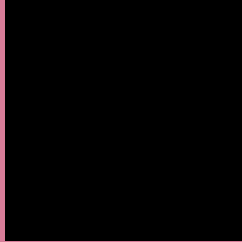
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.5661, 0.3869, 0.2950

Background



This preview shows how black text looks on a background with the Yxy color 31.5661, 0.3869, 0.2950.



This preview shows how white text looks on a background with the Yxy color 31.5661, 0.3869, 0.2950.

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

31.5661, 0.3869, 0.2950

Protanopia

31.9004, 0.2964, 0.3035

Deuteranopia

31.7848, 0.3337, 0.3276



Tritanopia

31.5406, 0.4031, 0.3181

Trichromacy



Original Color

31.5661, 0.3869, 0.2950

Protanomaly

31.1043, 0.3268, 0.2993

Deuteranomaly

31.3973, 0.3528, 0.3153

Tritanomaly

31.6090, 0.3973, 0.3095

Monochromacy



Original Color

31.5661, 0.3869, 0.2950

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

31.6267, 0.3378, 0.3148

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.5661, 0.3869, 0.2950 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(216, 125, 153)` looks like.

```
.text, #text, p{  
    color:rgb(216, 125, 153)  
}
```

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(216, 125, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 125, 153) }
```

Border

The CSS property to change the border of an element to Yxy 31.5661, 0.3869, 0.2950 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(216, 125, 153) }
```

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

```
.border{ border-color:rgb(216, 125, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 125, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 125, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 125, 153);  
box-shadow:4px 4px 4px 4px rgb(216, 125,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 31.5661, 0.3869, 0.2950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 125, 153) }
```

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

```
.background{ background-color: rgb(216,  
125, 153) }
```

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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