

Converting Colors

Yxy(31.4520, 0.3832, 0.2819)

Have a look what the booklet for
Yxy(31.4520, 0.3832, 0.2819)
contains.

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Color

Yxy(31.4636, 0.3827, 0.2815)

Conversions

Conversions Part 1

Format	Color
Hex	DC79A1
RGB	220, 121, 161
RGB Percent	86%, 47%, 63%
CMY	0.1374, 0.5253, 0.3687
CMYK	0.00, 0.45, 0.27, 0.14
HSL	336°, 59%, 67%
HSV	336°, 45%, 86%
XYZ	42.7748, 31.4636, 37.5328
YIQ	155.1610, 46.1640, 33.4280

Conversions

Conversions Part 2

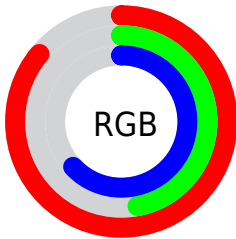
Format	Color
R _Y B	220, 121, 161
Decimal	14449057
CIE Lab	62.90, 43.09, -4.20
CIE LCh	63, 43.297, 354.430
Yxy	31.4636, 0.3827, 0.2815
Android (android.graphics.Color)	4292639137 (0xFFDC79A1)
YUV	155.1610, 2.8786, 56.8638
Hunter-Lab	56.0924, 37.9584, -0.4077

Details

The Yxy color **31.4636, 0.3827, 0.2815** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **58.5257, 0.2735, 0.3837**, and the grayscale version is **32.8277, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.8778, 0.3480, 0.2870**, and **13.1686, 0.4054, 0.2663** is the 20% darker color. If you saturate the color by 10%, you get **26.2744, 0.4071, 0.2721**, and if you desaturate by 10%, it is **37.9231, 0.3618, 0.2921**.

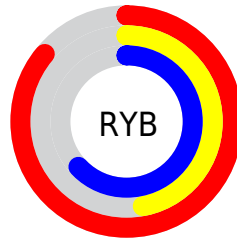
Distribution



Red (86%)

Green (47%)

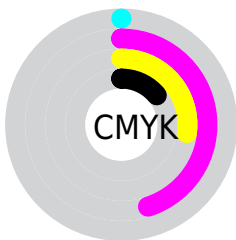
Blue (63%)



Red (86%)

Yellow (47%)

Blue (63%)

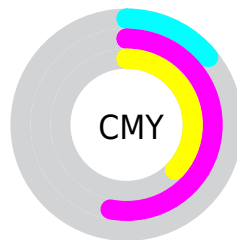


Cyan (0%)

Magenta (45%)

Yellow (27%)

Black (14%)



Cyan (14%)


Magenta (53%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.4636, 0.3827, 0.2815 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 31.4636, 0.3827, 0.2815 by changing the saturation by 10% instead.


 31.4636, 0.3827,
0.2815

 31.4636, 0.3827,
0.2815


308.6685, 0.3458,
0.3062


 20.9521, 0.3925,
0.2751


 61.9692, 0.3688,
0.2907

 13.0890, 0.4056,
0.2666

 82.7322, 0.3638,
0.2941

 7.4899, 0.4236,
0.2551


 107.6811, 0.3595,
0.2969

 3.7703, 0.4501,
0.2384

137.2003, 0.3559,
0.2993

 1.5459, 0.4925,
0.2125

171.6742, 0.3529,
0.3014

 0.3207, 0.6038,
0.1318

211.4873, 0.3502,


 0.0000, 1.0000,


0.3032

0.0000


257.0239, 0.3479,
0.3048


 0.0000, 0.0000,
0.0000

 31.4636, 0.3827,
0.2815

 31.4636, 0.3827,
0.2815

 26.2744, 0.4071,
0.2721


 37.9231, 0.3618,
0.2921


 22.2655, 0.4348,
0.2651


 45.7258, 0.3443,
0.3030

 19.3425, 0.4648,
0.2616


 54.9443, 0.3298,
0.3138

 17.3938, 0.4956,
0.2630


 65.6448, 0.3178,
0.3241

 16.2835, 0.5250,
0.2696

 77.8893, 0.3080,
0.3338

 15.9273, 0.5390,
0.2743

 91.7361, 0.3000,
0.3427

 93.8058, 0.2929,
0.3312

 93.9487, 0.2917,
0.3289

Harmonies

Analogous

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



31.4636, 0.3123, 0.2445



31.4636, 0.3827, 0.2815



31.4636, 0.4354, 0.3296

Triad

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



31.4636, 0.3827, 0.2815



31.4636, 0.3676, 0.4549



31.4636, 0.1921, 0.2547

Complementary

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



31.4636, 0.3827, 0.2815



58.5257, 0.2735, 0.3837

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.



31.4636, 0.2030, 0.3091



31.4636, 0.3827, 0.2815



31.4636, 0.3011, 0.4398

Square

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



31.4636, 0.3827, 0.2815



31.4636, 0.4226, 0.4286



31.4636, 0.2412, 0.3811



31.4636, 0.2080, 0.2272

Rectangle

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



31.4636, 0.3827, 0.2815



31.4636, 0.4495, 0.3643



31.4636, 0.2412, 0.3811



31.4636, 0.1927, 0.2699

Sweetspot

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



31.4651, 0.3827, 0.2815



79.4350, 0.3274, 0.3158



28.4011, 0.2778, 0.2061



16.3324, 0.3303, 0.3134



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.



31.4651, 0.3827, 0.2815



37.0667, 0.4057, 0.2726



32.3643, 0.4281, 0.3392



13.1383, 0.3229, 0.3196



9.3726, 0.5351, 0.2721



0.6240, 0.4922, 0.2485

Inverse Universe

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



31.4651, 0.3827, 0.2815



37.0667, 0.4057, 0.2726



56.1756, 0.2506, 0.3180



13.1383, 0.3229, 0.3196



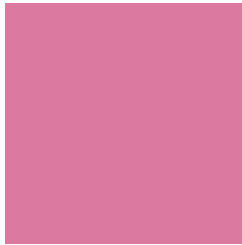
9.3726, 0.5351, 0.2721



0.6240, 0.4922, 0.2485

Previews

White Background



This preview shows how the Yxy color 31.4636, 0.3827, 0.2815 looks on a white background.

Color Contrast Check

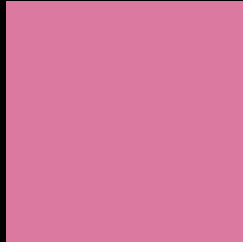
Large Text (above 18pt) WCAG AA × Fail

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 31.4636, 0.3827, 0.2815 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

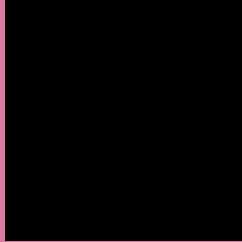
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.4636, 0.3827, 0.2815

Background



This preview shows how black text looks on a background with the Yxy color 31.4636, 0.3827, 0.2815.



This preview shows how white text looks on a background with the Yxy color 31.4636, 0.3827, 0.2815.

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

31.4636, 0.3827, 0.2815

Protanopia

31.6315, 0.2833, 0.2860

Deuteranopia

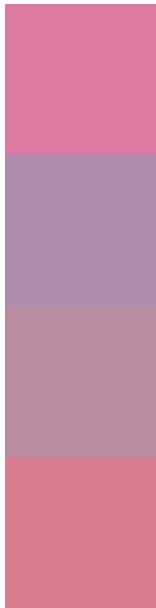
31.6871, 0.3236, 0.3173



Tritanopia

31.4227, 0.4097, 0.3183

Trichromacy



Original Color

31.4636, 0.3827, 0.2815

Protanomaly

30.7720, 0.3159, 0.2828

Deuteranomaly

31.0847, 0.3445, 0.3016

Tritanomaly

31.3343, 0.4005, 0.3049

Monochromacy



Original Color

31.4636, 0.3827, 0.2815

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

31.6629, 0.3371, 0.3093

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.4636, 0.3827, 0.2815 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(220, 121, 161)` looks like.

```
.text, #text, p{  
    color:rgb(220, 121, 161)  
}
```

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(220, 121, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 121, 161) }
```

Border

The CSS property to change the border of an element to Yxy 31.4636, 0.3827, 0.2815 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(220, 121, 161) }
```

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

```
.border{ border-color:rgb(220, 121, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 121, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 121, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 121, 161);  
box-shadow:4px 4px 4px 4px rgb(220, 121,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 31.4636, 0.3827, 0.2815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 121, 161) }
```

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

```
.background{ background-color: rgb(220,  
121, 161) }
```

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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