

Converting Colors

$Yxy(31.5944, 0.3786, 0.2786)$

Have a look what the booklet for
Yxy(31.5944, 0.3786, 0.2786)
contains.

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Color

Yxy(31.4151, 0.3780, 0.2778)

Conversions

Conversions Part 1

Format	Color
Hex	DB79A4
RGB	219, 121, 164
RGB Percent	86%, 47%, 64%
CMY	0.1412, 0.5254, 0.3569
CMYK	0.00, 0.45, 0.25, 0.14
HSL	334°, 58%, 67%
HSV	334°, 45%, 86%
XYZ	42.7462, 31.4151, 38.9240
YIQ	155.2040, 44.6050, 34.1490

Conversions

Conversions Part 2

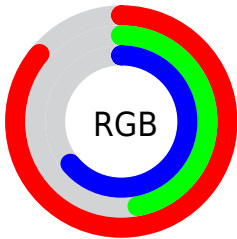
Format	Color
RYB	219, 121, 164
Decimal	14383524
CIELab	62.86, 43.18, -5.98
CIELCh	63, 43.594, 352.110
Yxy	31.4151, 0.3780, 0.2778
Android (android.graphics.Color)	4292573604 (0xFFDB79A4)
YUV	155.2040, 4.3364, 55.9491
Hunter-Lab	56.0492, 38.0481, -1.9402

Details

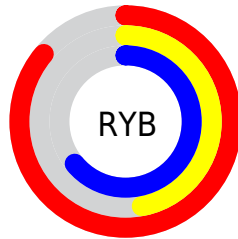
The Yxy color **31.4151, 0.3780, 0.2778** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **57.8556, 0.2755, 0.3883**, and the grayscale version is **32.8405, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.0344, 0.3455, 0.2841**, and **13.1075, 0.4001, 0.2628** is the 20% darker color. If you saturate the color by 10%, you get **26.2609, 0.4006, 0.2676**, and if you desaturate by 10%, it is **37.8233, 0.3586, 0.2893**.

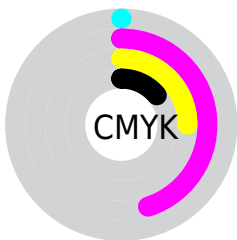
Distribution



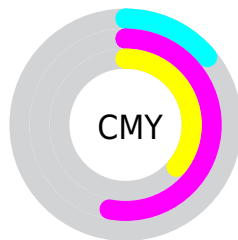
- Red (86%)
- Green (47%)
- Blue (64%)



- Red (86%)
- Yellow (47%)
- Blue (64%)



- Cyan (0%)
- Magenta (45%)
- Yellow (25%)
- Black (14%)





- Cyan (14%)
- Magenta (53%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.4151, 0.3780, 0.2778 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 31.4151, 0.3780, 0.2778 by changing the saturation by 10% instead.


 31.4151, 0.3780,
0.2778


 31.4151, 0.3780,
0.2778


308.4461, 0.3437,
0.3042

 20.9151, 0.3871,
0.2710


 61.8930, 0.3651,
0.2876

 13.0620, 0.3991,
0.2620


 82.6398, 0.3604,
0.2912

 7.4712, 0.4157,
0.2499


 107.5709, 0.3565,
0.2942

 3.7585, 0.4400,
0.2326

137.0708, 0.3532,
0.2968

 1.5394, 0.4787,
0.2060

171.5239, 0.3503,
0.2990

 0.3162, 0.5760,
0.1243

211.3146, 0.3478,

 0.0000, 1.0000,

0.3010

0.0000

256.8272, 0.3456,
0.3027

0.0000, 0.0000,
0.0000

31.4151, 0.3780,
0.2778

31.4151, 0.3780,
0.2778

26.2609, 0.4006,
0.2676

37.8233, 0.3586,
0.2893

22.2720, 0.4262,
0.2596

45.5570, 0.3422,
0.3011

19.3556, 0.4541,
0.2553


54.6878, 0.3286,
0.3128


17.4022, 0.4828,
0.2558


65.2808, 0.3173,
0.3240


16.2784, 0.5105,
0.2617

77.3970, 0.3081,
0.3344

 15.9025, 0.5245,
0.2663

 91.0939, 0.3005,
0.3441

 93.4822, 0.2938,
0.3340

 93.7973, 0.2911,
0.3289

Harmonies

Analogous

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



31.4151, 0.3069, 0.2418



31.4151, 0.3780, 0.2778



31.4151, 0.4334, 0.3256

Triad

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



31.4151, 0.3780, 0.2778



31.4151, 0.3729, 0.4551



31.4151, 0.1913, 0.2574

Complementary

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



31.4151, 0.3780, 0.2778



57.8556, 0.2755, 0.3883

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.



31.4151, 0.2043, 0.3142



31.4151, 0.3780, 0.2778



31.4151, 0.3062, 0.4437

Square

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



31.4151, 0.3780, 0.2778



31.4151, 0.4266, 0.4260



31.4151, 0.2447, 0.3871



31.4151, 0.2052, 0.2277

Rectangle

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



31.4151, 0.3780, 0.2778



31.4151, 0.4499, 0.3603



31.4151, 0.2447, 0.3871



31.4151, 0.1925, 0.2734

Sweetspot

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



31.4166, 0.3780, 0.2778



79.5016, 0.3266, 0.3146



27.8954, 0.2749, 0.2057



16.3488, 0.3293, 0.3121



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.



31.4166, 0.3780, 0.2778



37.2545, 0.4000, 0.2678



31.3391, 0.4291, 0.3352



13.1459, 0.3223, 0.3188



9.4524, 0.5208, 0.2643



0.6295, 0.4801, 0.2419

Inverse Universe

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



31.4166, 0.3780, 0.2778



37.2545, 0.4000, 0.2678



57.3157, 0.2517, 0.3224



13.1459, 0.3223, 0.3188



9.4524, 0.5208, 0.2643



0.6295, 0.4801, 0.2419

Previews

White Background



This preview shows how the Yxy color 31.4151, 0.3780, 0.2778 looks on a white background.

Color Contrast Check

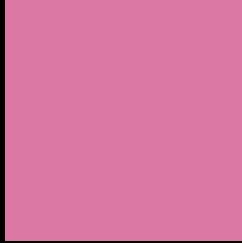
Large Text (above 18pt) WCAG AA × Fail

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 31.4151, 0.3780, 0.2778 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

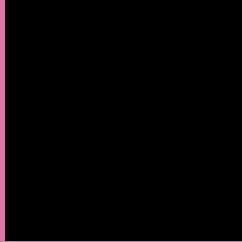
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.4151, 0.3780, 0.2778

Background



This preview shows how black text looks on a background with the Yxy color 31.4151, 0.3780, 0.2778.



This preview shows how white text looks on a background with the Yxy color 31.4151, 0.3780, 0.2778.

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

31.4151, 0.3780, 0.2778

Protanopia

31.6631, 0.2800, 0.2817

Deuteranopia

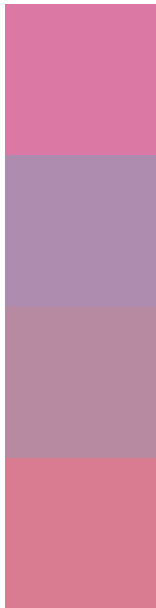
31.5755, 0.3186, 0.3128



Tritanopia

31.2982, 0.4074, 0.3170

Trichromacy



Original Color

31.4151, 0.3780, 0.2778

Protanomaly

30.7750, 0.3120, 0.2787

Deuteranomaly

30.9405, 0.3391, 0.2973

Tritanomaly

31.2423, 0.3969, 0.3024

Monochromacy



Original Color

31.4151, 0.3780, 0.2778

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

31.5785, 0.3349, 0.3079

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.4151, 0.3780, 0.2778 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(219, 121, 164)` looks like.

```
.text, #text, p{  
    color:rgb(219, 121, 164)  
}
```

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(219, 121, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 121, 164) }
```

Border

The CSS property to change the border of an element to Yxy 31.4151, 0.3780, 0.2778 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(219, 121, 164) }
```

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

```
.border{ border-color:rgb(219, 121, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 121, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 121, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 121, 164);  
box-shadow:4px 4px 4px 4px rgb(219, 121,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 31.4151, 0.3780, 0.2778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 121, 164) }
```

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

```
.background{ background-color: rgb(219,  
121, 164) }
```

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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