

Converting Colors

$Y_{xy}(57.5238, 0.3159, 0.2957)$

Have a look what the booklet for
Yxy(57.5238, 0.3159, 0.2957)
contains.

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Color

Yxy(57.5238, 0.3159, 0.2957)

Conversions

Conversions Part 1

Format	Color
Hex	DEBEDC
RGB	222, 190, 220
RGB Percent	87%, 75%, 86%
CMY	0.1294, 0.2549, 0.1373
CMYK	0.00, 0.14, 0.01, 0.13
HSL	304°, 33%, 81%
HSV	304°, 14%, 87%
XYZ	61.4534, 57.5238, 75.5571
YIQ	202.9880, 9.4420, 16.1140

Conversions

Conversions Part 2

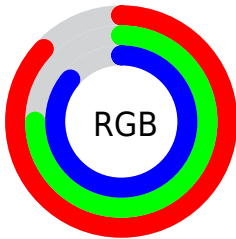
Format	Color
R _Y B	222, 190, 220
Decimal	14597852
CIE Lab	80.47, 16.52, -10.73
CIE LCh	80, 19.701, 326.990
Yxy	57.5238, 0.3159, 0.2957
Android (android.graphics.Color)	4292787932 (0xFFDEBEDC)
YUV	202.9880, 8.3869, 16.6735
Hunter-Lab	75.8444, 11.9029, -5.9743

Details

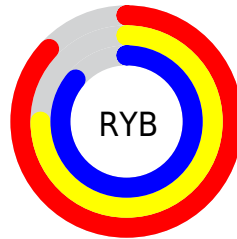
The Yxy color $57.5238, 0.3159, 0.2957$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $66.9990, 0.3096, 0.3647$, and the grayscale version is $59.6559, 0.3127, 0.3290$.

A 20% lighter version of the original color is $94.3915, 0.3131, 0.3204$, and $28.8234, 0.3168, 0.2883$ is the 20% darker color. If you saturate the color by 10%, you get $48.5561, 0.3184, 0.2721$, and if you desaturate by 10%, it is $67.9618, 0.3136, 0.3190$.

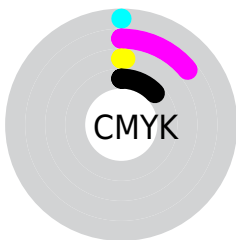
Distribution



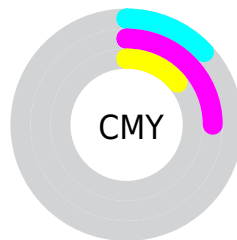
- Red (87%)
- Green (75%)
- Blue (86%)



- Red (87%)
- Yellow (75%)
- Blue (86%)



- Cyan (0%)
- Magenta (14%)
- Yellow (1%)
- Black (13%)





- Cyan (13%)
- Magenta (25%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.5238, 0.3159, 0.2957 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 57.5238, 0.3159, 0.2957 by changing the saturation by 10% instead.


 57.5238, 0.3159,
0.2957

 57.5238, 0.3159,
0.2957


415.4092, 0.3146,
0.3113

 41.4259, 0.3162,
0.2921


 101.2291, 0.3155,
0.3012

 28.6520, 0.3165,
0.2876


129.6053, 0.3153,
0.3033

 18.8178, 0.3169,
0.2818


162.8430, 0.3151,
0.3051

 11.5387, 0.3173,
0.2742

201.3268, 0.3150,
0.3067

 6.4304, 0.3178,
0.2636

245.4408, 0.3149,
0.3081

 3.1085, 0.3183,
0.2482

295.5697, 0.3147,

 1.1886, 0.3185,

0.3093

0.2233

352.0976, 0.3146,
0.3104

0.0524, 0.3451,
0.0399

0.0000, 0.0000,
0.0000

57.5238, 0.3159,
0.2957

57.5238, 0.3159,
0.2957

48.5561, 0.3184,
0.2721

67.9618, 0.3136,
0.3190

40.9852, 0.3210,
0.2488

79.9246, 0.3116,
0.3414

34.7425, 0.3238,
0.2267

92.4422, 0.3099,
0.3609

29.7507, 0.3266,
0.2068

92.5189, 0.3091,
0.3594

■ 25.9244, 0.3294,
0.1901

■ 92.5962, 0.3083,
0.3579

■ 23.1675, 0.3320,
0.1772

■ 92.6741, 0.3075,
0.3565

■ 21.3690, 0.3344,
0.1687

■ 92.7527, 0.3067,
0.3550

■ 20.3930, 0.3365,
0.1644

■ 92.8319, 0.3059,
0.3535

■ 20.0813, 0.3377,
0.1634

■ 92.9117, 0.3051,
0.3520

Harmonies

Analogous

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



57.5238, 0.2908, 0.2870



57.5238, 0.3159, 0.2957



57.5238, 0.3411, 0.3124

Triad

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



57.5238, 0.3159, 0.2957



57.5238, 0.3541, 0.3698



57.5238, 0.2686, 0.3216

Complementary

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



57.5238, 0.3159, 0.2957



66.9990, 0.3096, 0.3647

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.



57.5238, 0.2843, 0.3460



57.5238, 0.3159, 0.2957



57.5238, 0.3336, 0.3746

Square

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



57.5238, 0.3159, 0.2957



57.5238, 0.3636, 0.3544



57.5238, 0.3080, 0.3659



57.5238, 0.2643, 0.3007

Rectangle

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



57.5238, 0.3159, 0.2957



57.5238, 0.3542, 0.3262



57.5238, 0.3080, 0.3659



57.5238, 0.2727, 0.3297

Sweetspot

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



57.5263, 0.3159, 0.2957



93.6223, 0.3136, 0.3199



53.2597, 0.2908, 0.2909



19.7905, 0.3137, 0.3181



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.



57.5263, 0.3159, 0.2957



75.2166, 0.3166, 0.2893



56.7394, 0.3279, 0.3127



13.9199, 0.3148, 0.3073



11.9340, 0.3374, 0.1632



0.8318, 0.3346, 0.1617

Inverse Universe

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



57.5263, 0.3159, 0.2957



75.2166, 0.3166, 0.2893



67.7264, 0.2997, 0.3459



13.9199, 0.3148, 0.3073



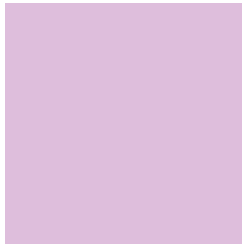
11.9340, 0.3374, 0.1632



0.8318, 0.3346, 0.1617

Previews

White Background



This preview shows how the Yxy color 57.5238, 0.3159, 0.2957 looks on a white background.

Color Contrast Check

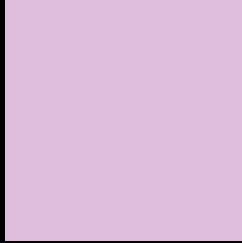
Large Text (above 18pt) WCAG AA × Fail

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 57.5238, 0.3159, 0.2957 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

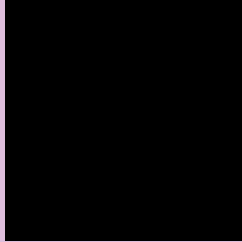
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.5238, 0.3159, 0.2957

Background



This preview shows how black text looks on a background with the Yxy color 57.5238, 0.3159, 0.2957.



This preview shows how white text looks on a background with the Yxy color 57.5238, 0.3159, 0.2957.

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

57.5238, 0.3159, 0.2957

Protanopia

57.5602, 0.2923, 0.2975

Deuteranopia

57.3997, 0.3070, 0.3004



Tritanopia

57.4199, 0.3240, 0.3120

Trichromacy



Original Color

57.5238, 0.3159, 0.2957

Protanomaly

57.3371, 0.3003, 0.2968

Deuteranomaly

57.5505, 0.3102, 0.2995

Tritanomaly

57.3872, 0.3211, 0.3054

Monochromacy



Original Color

57.5238, 0.3159, 0.2957

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

58.6933, 0.3141, 0.3163

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.5238, 0.3159, 0.2957 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(222, 190, 220)` looks like.

```
.text, #text, p{  
    color:rgb(222, 190, 220)  
}
```

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(222, 190, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 190, 220) }
```

Border

The CSS property to change the border of an element to Yxy 57.5238, 0.3159, 0.2957 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(222, 190, 220) }
```

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

```
.border{ border-color:rgb(222, 190, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 190, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 190, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 190, 220);  
box-shadow:4px 4px 4px 4px rgb(222, 190,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 57.5238, 0.3159, 0.2957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 190, 220) }
```

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

```
.background{ background-color: rgb(222,  
190, 220) }
```

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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