

Converting Colors

Yxy(61.7423, 0.3160, 0.3090)

Have a look what the booklet for
Yxy(61.7423, 0.3160, 0.3090)
contains.

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Color

Yxy(61.7427, 0.3160, 0.3090)

Conversions

Conversions Part 1	
Format	Color
Hex	DDC8DA
RGB	221, 200, 218
RGB Percent	87%, 78%, 85%
CMY	0.1331, 0.2157, 0.1450
CMYK	0.00, 0.10, 0.01, 0.13
HSL	309°, 24%, 83%
HSV	309°, 10%, 87%
XYZ	63.1414, 61.7427, 74.9305
YIQ	208.3310, 6.7380, 10.0500

Conversions

Conversions Part 2

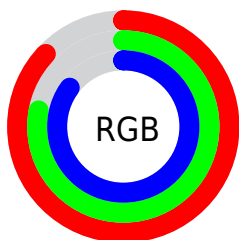
Format	Color
RYB	221, 200, 218
Decimal	14534874
CIELab	82.78, 10.52, -6.27
CIELCh	83, 12.244, 329.192
Yxy	61.7427, 0.3160, 0.3090
Android (android.graphics.Color)	4292724954 (0xFFDDC8DA)
YUV	208.3310, 4.7668, 11.1107
Hunter-Lab	78.5765, 5.9276, -1.5353

Details

The Yxy color **61.7427, 0.3160, 0.3090** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.3312, 0.3096, 0.3499**, and the grayscale version is **63.2733, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.3091, 0.3170, 0.3043** is the 20% darker color. If you saturate the color by 10%, you get **52.0715, 0.3199, 0.2873**, and if you desaturate by 10%, it is **72.9028, 0.3126, 0.3300**.

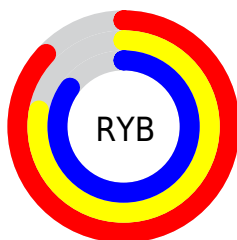
Distribution



Red (87%)

Green (78%)

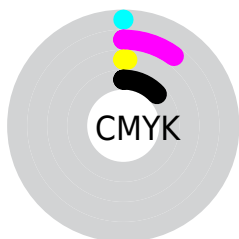
Blue (85%)



Red (87%)

Yellow (78%)

Blue (85%)

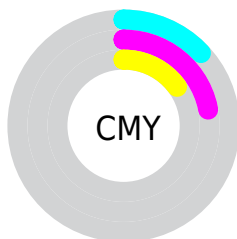


Cyan (0%)

Magenta (10%)

Yellow (1%)

Black (13%)



Cyan (13%)


Magenta (22%)

Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.7427, 0.3160, 0.3090 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 61.7427, 0.3160, 0.3090 by changing the saturation by 10% instead.


 61.7427, 0.3160,
0.3090

 61.7427, 0.3160,
0.3090


430.9919, 0.3145,
0.3184

 44.8248, 0.3163,
0.3068


107.3536, 0.3155,
0.3123

 31.3195, 0.3167,
0.3041


136.8154, 0.3153,
0.3136

 20.8422, 0.3173,
0.3007


171.2273, 0.3151,
0.3146

 13.0087, 0.3179,
0.2961

210.9736, 0.3150,
0.3156

 7.4346, 0.3188,
0.2897

256.4389, 0.3148,
0.3164

 3.7353, 0.3201,
0.2804


308.0074, 0.3147,


 1.5266, 0.3219,

0.3172

0.2653


366.0636, 0.3146,
0.3178


 0.3074, 0.3369,
0.1886


 0.0000, 0.0000,
0.0000


 61.7427, 0.3160,
0.3090

 61.7427, 0.3160,
0.3090


 52.0715, 0.3199,
0.2873


 72.9028, 0.3126,
0.3300


 43.8177, 0.3243,
0.2655

 85.6031, 0.3096,
0.3499


 36.9164, 0.3292,
0.2442


 92.4783, 0.3074,
0.3574


 31.2941, 0.3344,
0.2244


 92.6564, 0.3056,
0.3540


 26.8706, 0.3399,
0.2070


 92.8378, 0.3038,
0.3507


 23.5562, 0.3455,
0.1931


 93.0225, 0.3021,
0.3473


 21.2492, 0.3511,
0.1832

 93.2104, 0.3003,
0.3440

 19.8286, 0.3563,
0.1779

 93.4018, 0.2985,
0.3407

 19.0924, 0.3613,
0.1766

 93.5964, 0.2968,
0.3374

Harmonies

Analogous

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



61.7427, 0.3005, 0.3032



61.7427, 0.3160, 0.3090



61.7427, 0.3309, 0.3198

Triad

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



61.7427, 0.3160, 0.3090



61.7427, 0.3372, 0.3543



61.7427, 0.2852, 0.3238

Complementary

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



61.7427, 0.3160, 0.3090



68.3312, 0.3096, 0.3499

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.



61.7427, 0.2946, 0.3383



61.7427, 0.3160, 0.3090



61.7427, 0.3245, 0.3562

Square

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



61.7427, 0.3160, 0.3090



61.7427, 0.3433, 0.3457



61.7427, 0.3089, 0.3503



61.7427, 0.2830, 0.3113

Rectangle

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



61.7427, 0.3160, 0.3090



61.7427, 0.3384, 0.3286



61.7427, 0.3089, 0.3503



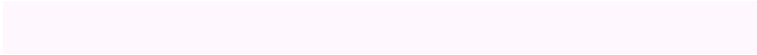
61.7427, 0.2876, 0.3286

Sweetspot

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



61.7454, 0.3160, 0.3090



95.1450, 0.3137, 0.3227



59.1930, 0.3000, 0.3047



20.0942, 0.3140, 0.3211



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.



61.7454, 0.3160, 0.3090



83.1332, 0.3166, 0.3057



61.2223, 0.3236, 0.3204



13.2409, 0.3160, 0.3092



11.0812, 0.3608, 0.1761



0.7269, 0.3533, 0.1720

Inverse Universe

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



61.7454, 0.3160, 0.3090



83.1332, 0.3166, 0.3057



68.8392, 0.3030, 0.3378



13.2409, 0.3160, 0.3092



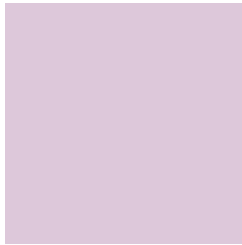
11.0812, 0.3608, 0.1761



0.7269, 0.3533, 0.1720

Previews

White Background



This preview shows how the Yxy color 61.7427, 0.3160, 0.3090 looks on a white background.

Color Contrast Check

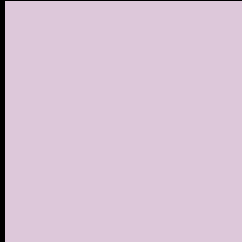
Large Text (above 18pt) WCAG AA × Fail

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 61.7427, 0.3160, 0.3090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

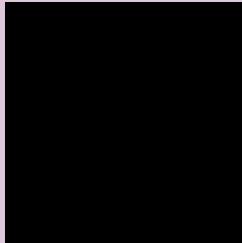
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.7427, 0.3160, 0.3090

Background



This preview shows how black text looks on a background with the Yxy color 61.7427, 0.3160, 0.3090.



This preview shows how white text looks on a background with the Yxy color 61.7427, 0.3160, 0.3090.

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

61.7427, 0.3160, 0.3090

Protanopia

62.0049, 0.3024, 0.3107

Deuteranopia

61.7427, 0.3160, 0.3090



Tritanopia

61.6386, 0.3174, 0.3112

Trichromacy



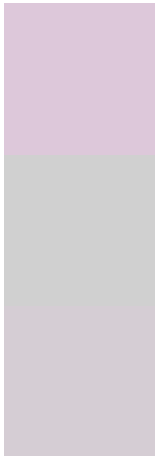
Original Color
61.7427, 0.3160, 0.3090

Protanomaly
61.7281, 0.3068, 0.3098

Deuteranomaly
61.7427, 0.3160, 0.3090

Tritanomaly
61.6905, 0.3167, 0.3101

Monochromacy



Original Color
61.7427, 0.3160, 0.3090

Achromatopsia
63.0757, 0.3127, 0.3290

Achromatomaly
62.5622, 0.3138, 0.3211

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.7427, 0.3160, 0.3090 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(221, 200, 218) looks like.

```
.text, #text, p{  
    color:rgb(221, 200, 218)  
}
```

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(221, 200, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 200, 218) }
```

Border

The CSS property to change the border of an element to Yxy 61.7427, 0.3160, 0.3090 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(221, 200, 218) }
```

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

```
.border{ border-color:rgb(221, 200, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 200, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 200, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 200, 218);  
box-shadow:4px 4px 4px 4px rgb(221, 200,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 61.7427, 0.3160, 0.3090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 200, 218) }
```

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

```
.background{ background-color: rgb(221,  
200, 218) }
```

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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