

Converting Colors

$Yxy(61.1077, 0.3106, 0.2984)$

Have a look what the booklet for
Yxy(61.1077, 0.3106, 0.2984)
contains.

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Color

Yxy(61.2513, 0.3103, 0.2982)

Conversions

Conversions Part 1

Format	Color
Hex	DDC6E2
RGB	221, 198, 226
RGB Percent	87%, 78%, 89%
CMY	0.1334, 0.2235, 0.1137
CMYK	0.02, 0.12, 0.00, 0.11
HSL	289°, 33%, 83%
HSV	289°, 12%, 89%
XYZ	63.7367, 61.2513, 80.4154
YIQ	208.0690, 4.7200, 13.5840

Conversions

Conversions Part 2

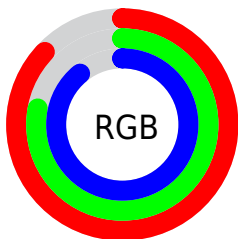
Format	Color
R _Y B	221, 198, 226
Decimal	14534370
CIE _{Lab}	82.51, 13.02, -10.93
CIE _{LCh}	83, 16.997, 319.974
Y _{xy}	61.2513, 0.3103, 0.2982
Android (android.graphics.Color)	4292724450 (0xFFDDC6E2)
Y _{UV}	208.0690, 8.8400, 11.3405
Hunter-Lab	78.2632, 8.4078, -6.1362

Details

The Yxy color **61.2513, 0.3103, 0.2982** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **71.1719, 0.3147, 0.3611**, and the grayscale version is **63.0634, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **30.9938, 0.3094, 0.2902** is the 20% darker color. If you saturate the color by 10%, you get **51.0527, 0.3078, 0.2722**, and if you desaturate by 10%, it is **73.0120, 0.3123, 0.3232**.

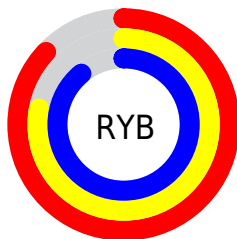
Distribution



Red (87%)

Green (78%)

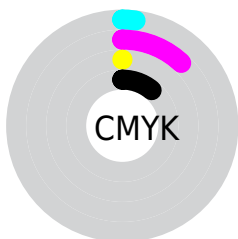
Blue (89%)



Red (87%)

Yellow (78%)

Blue (89%)

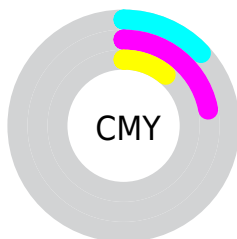


Cyan (2%)

Magenta (12%)

Yellow (0%)

Black (11%)



Cyan (13%)


Magenta (22%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.2513, 0.3103, 0.2982 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 61.2513, 0.3103, 0.2982 by changing the saturation by 10% instead.

 61.2513, 0.3103,
0.2982

 61.2513, 0.3103,
0.2982

429.1948, 0.3116,
0.3126

 44.4280, 0.3100,
0.2949


106.6427, 0.3108,
0.3032

 31.0071, 0.3095,
0.2908


135.9796, 0.3110,
0.3051

 20.6043, 0.3089,
0.2856


170.2565, 0.3111,
0.3068

 12.8351, 0.3081,
0.2787

209.8578, 0.3112,
0.3083

 7.3151, 0.3068,
0.2693

255.1679, 0.3113,
0.3095

 3.6599, 0.3047,
0.2556


306.5712, 0.3114,

 1.4852, 0.3008,


0.3107


0.2340


364.4520, 0.3115,
0.3117


 0.2783, 0.3014,
0.1441


 0.0000, 0.0000,
0.0000


 61.2513, 0.3103,
0.2982


 61.2513, 0.3103,
0.2982

 51.0527, 0.3078,
0.2722


 73.0120, 0.3123,
0.3232


 42.3402, 0.3049,
0.2459

 86.3909, 0.3139,
0.3468

 35.0432, 0.3014,
0.2201

 94.3578, 0.3158,
0.3584

 29.0823, 0.2974,
0.1959

 95.0480, 0.3183,
0.3582

■ 24.3699, 0.2931,
0.1742

■ 95.7539, 0.3209,
0.3579

■ 20.8083, 0.2885,
0.1563

■ 96.4757, 0.3235,
0.3577

■ 18.2847, 0.2837,
0.1426

■ 97.2134, 0.3261,
0.3575

■ 16.6636, 0.2789,
0.1335

■ 97.9672, 0.3287,
0.3573

■ 15.8670, 0.2753,
0.1290

■ 98.2711, 0.3298,
0.3572

Harmonies

Analogous

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



61.2513, 0.2898, 0.2928



61.2513, 0.3103, 0.2982



61.2513, 0.3321, 0.3111

Triad

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



61.2513, 0.3103, 0.2982



61.2513, 0.3506, 0.3613



61.2513, 0.2776, 0.3277

Complementary

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



61.2513, 0.3103, 0.2982



71.1719, 0.3147, 0.3611

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.



61.2513, 0.2930, 0.3478



61.2513, 0.3103, 0.2982



61.2513, 0.3351, 0.3674

Square

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



61.2513, 0.3103, 0.2982



61.2513, 0.3558, 0.3469



61.2513, 0.3139, 0.3626



61.2513, 0.2715, 0.3089

Rectangle

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



61.2513, 0.3103, 0.2982



61.2513, 0.3443, 0.3225



61.2513, 0.3139, 0.3626



61.2513, 0.2819, 0.3346

Sweetspot

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



61.2539, 0.3103, 0.2982



93.3188, 0.3120, 0.3192



60.2775, 0.2932, 0.3026



19.7134, 0.3119, 0.3173



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.



61.2539, 0.3103, 0.2982



76.6998, 0.3097, 0.2912



61.5791, 0.3206, 0.3080



13.8049, 0.3109, 0.3057



9.0992, 0.2761, 0.1295



0.6636, 0.2834, 0.1335

Inverse Universe

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



60.8752, 0.3313, 0.3235



76.1174, 0.3360, 0.3222



70.8999, 0.3056, 0.3510



13.7404, 0.3264, 0.3248



9.3261, 0.6120, 0.3145



0.6584, 0.5711, 0.2920

Previews

White Background



This preview shows how the Yxy color 61.2513, 0.3103, 0.2982 looks on a white background.

Color Contrast Check

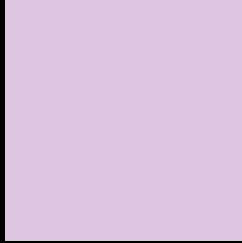
Large Text (above 18pt) WCAG AA × Fail

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 61.2513, 0.3103, 0.2982 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

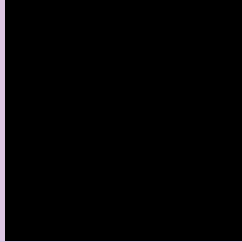
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.2513, 0.3103, 0.2982

Background



This preview shows how black text looks on a background with the Yxy color 61.2513, 0.3103, 0.2982.



This preview shows how white text looks on a background with the Yxy color 61.2513, 0.3103, 0.2982.

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

61.2513, 0.3103, 0.2982

Protanopia

61.4555, 0.2935, 0.2994

Deuteranopia

61.3985, 0.3065, 0.3001



Tritanopia

61.2749, 0.3166, 0.3122

Trichromacy



Original Color

61.2513, 0.3103, 0.2982

Protanomaly

61.4535, 0.2992, 0.2987

Deuteranomaly

61.2433, 0.3080, 0.2991

Tritanomaly

61.1770, 0.3145, 0.3068

Monochromacy



Original Color

61.2513, 0.3103, 0.2982

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.2382, 0.3118, 0.3166

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.2513, 0.3103, 0.2982 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, 198, 226)` looks like.

```
.text, #text, p{  
    color:rgb(221, 198, 226)  
}
```

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, 198, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 198, 226) }
```

Border

The CSS property to change the border of an element to Yxy 61.2513, 0.3103, 0.2982 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, 198, 226) }
```

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

```
.border{ border-color:rgb(221, 198, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 198, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 198, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 198, 226);  
box-shadow:4px 4px 4px 4px rgb(221, 198,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 61.2513, 0.3103, 0.2982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 198, 226) }
```

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

```
.background{ background-color: rgb(221,  
198, 226) }
```

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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