

Converting Colors

Yxy(65.0221, 0.3078, 0.3081)

Have a look what the booklet for
Yxy(65.0221, 0.3078, 0.3081)
contains.

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Color

Yxy(65.0221, 0.3078, 0.3081)

Conversions

Conversions Part 1

Format	Color
Hex	DACFE2
RGB	218, 207, 226
RGB Percent	85%, 81%, 89%
CMY	0.1450, 0.1882, 0.1138
CMYK	0.04, 0.08, 0.00, 0.11
HSL	275°, 25%, 85%
HSV	275°, 8%, 89%
XYZ	64.9588, 65.0221, 81.0613
YIQ	212.4550, 0.4570, 8.2410

Conversions

Conversions Part 2

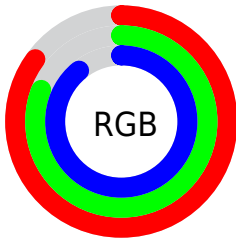
Format	Color
R _Y B	218, 207, 226
Decimal	14340066
CIE Lab	84.50, 7.25, -8.00
CIE LCh	84, 10.798, 312.209
Yxy	65.0221, 0.3078, 0.3081
Android (android.graphics.Color)	4292530146 (0xFFDACFE2)
YUV	212.4550, 6.6777, 4.8630
Hunter-Lab	80.6363, 2.6821, -3.1571

Details

The Yxy color **65.0221, 0.3078, 0.3081** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.3232, 0.3173, 0.3501**, and the grayscale version is **66.1150, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.5093, 0.3061, 0.3031** is the 20% darker color. If you saturate the color by 10%, you get **53.4311, 0.3010, 0.2815**, and if you desaturate by 10%, it is **78.2689, 0.3136, 0.3328**.

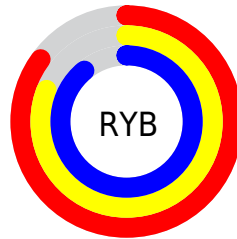
Distribution



Red (85%)

Green (81%)

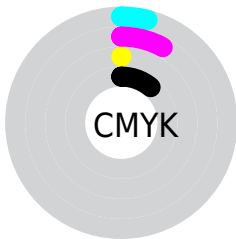
Blue (89%)



Red (85%)

Yellow (81%)

Blue (89%)

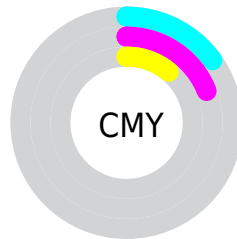


Cyan (4%)

Magenta (8%)

Yellow (0%)

Black (11%)



Cyan (15%)

Magenta (19%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.0221, 0.3078, 0.3081 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 65.0221, 0.3078, 0.3081 by changing the saturation by 10% instead.

■ 65.0221, 0.3078,
0.3081

■ 65.0221, 0.3078,
0.3081

442.8714, 0.3102,
0.3178

■ 47.4790, 0.3072,
0.3059

112.0816, 0.3086,
0.3115

■ 33.4145, 0.3065,
0.3031

142.3669, 0.3090,
0.3128

■ 22.4442, 0.3056,
0.2995

177.6682, 0.3092,
0.3139

■ 14.1836, 0.3043,
0.2949

218.3702, 0.3095,
0.3149

■ 8.2485, 0.3026,
0.2885

264.8571, 0.3097,
0.3158

■ 4.2544, 0.2999,
0.2792

317.5133, 0.3099,

■ 1.8168, 0.2953,

0.3166

0.2644

376.7233, 0.3100,
0.3172

0.4976, 0.2882,
0.2207

0.0000, 0.0000,
0.0000

65.0221, 0.3078,
0.3081

65.0221, 0.3078,
0.3081

53.4311, 0.3010,
0.2815

78.2689, 0.3136,
0.3328

43.4198, 0.2931,
0.2535

93.2267, 0.3184,
0.3555

34.9188, 0.2840,
0.2247

96.6752, 0.3242,
0.3577

27.8499, 0.2740,
0.1961

98.2698, 0.3298,
0.3572

■ 22.1277, 0.2632,
0.1689

■ 17.6575, 0.2519,
0.1446

■ 14.3317, 0.2405,
0.1243

■ 12.0239, 0.2296,
0.1090

■ 10.5500, 0.2195,
0.0989

Harmonies

Analogous

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



65.0221, 0.2957, 0.3062



65.0221, 0.3078, 0.3081



65.0221, 0.3215, 0.3153

Triad

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



65.0221, 0.3078, 0.3081



65.0221, 0.3378, 0.3474



65.0221, 0.2928, 0.3317

Complementary

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



65.0221, 0.3078, 0.3081



73.3232, 0.3173, 0.3501

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.



65.0221, 0.3037, 0.3434



65.0221, 0.3078, 0.3081



65.0221, 0.3297, 0.3525

Square

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



65.0221, 0.3078, 0.3081



65.0221, 0.3390, 0.3376



65.0221, 0.3172, 0.3511



65.0221, 0.2871, 0.3195

Rectangle

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



65.0221, 0.3078, 0.3081



65.0221, 0.3296, 0.3221



65.0221, 0.3172, 0.3511



65.0221, 0.2959, 0.3358

Sweetspot

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



65.0249, 0.3078, 0.3081



94.6138, 0.3110, 0.3216



67.4687, 0.2998, 0.3169



19.9505, 0.3106, 0.3197



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.



65.0249, 0.3078, 0.3081



82.8280, 0.3067, 0.3038



66.2098, 0.3146, 0.3098



13.6350, 0.3071, 0.3054



5.9768, 0.2195, 0.0983



0.4665, 0.2347, 0.1067

Inverse Universe

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



65.6924, 0.3215, 0.3203



83.8771, 0.3234, 0.3186



72.2125, 0.3109, 0.3489



13.7952, 0.3227, 0.3192



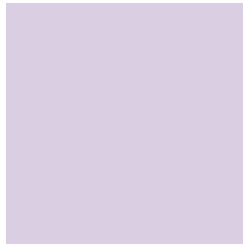
9.7136, 0.5294, 0.2690



0.6909, 0.4897, 0.2471

Previews

White Background



This preview shows how the Yxy color 65.0221, 0.3078, 0.3081 looks on a white background.

Color Contrast Check

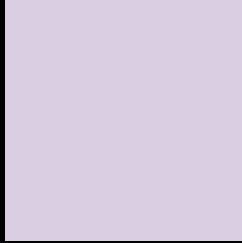
Large Text (above 18pt) WCAG AA × Fail

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 65.0221, 0.3078, 0.3081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

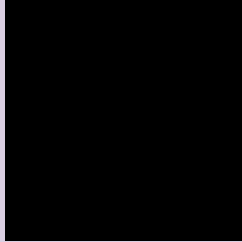
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

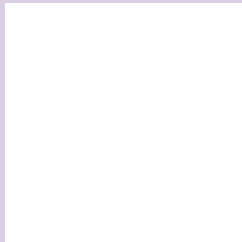
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.0221, 0.3078, 0.3081

Background



This preview shows how black text looks on a background with the Yxy color 65.0221, 0.3078, 0.3081.



This preview shows how white text looks on a background with the Yxy color 65.0221, 0.3078, 0.3081.

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

65.0221, 0.3078, 0.3081

Protanopia

65.3963, 0.3006, 0.3089

Deuteranopia

65.0009, 0.3123, 0.3062



Tritanopia

64.9129, 0.3091, 0.3102

Trichromacy



Original Color

65.0221, 0.3078, 0.3081

Protanomaly

65.2931, 0.3034, 0.3090

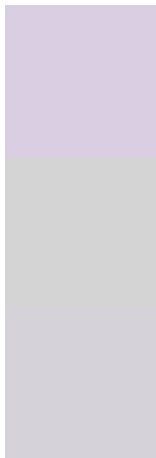
Deuteranomaly

65.1632, 0.3108, 0.3072

Tritanomaly

64.9673, 0.3084, 0.3092

Monochromacy



Original Color

65.0221, 0.3078, 0.3081

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.3991, 0.3109, 0.3212

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.0221, 0.3078, 0.3081 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(218, 207, 226)` looks like.

```
.text, #text, p{  
    color:rgb(218, 207, 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(218, 207, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 207, 226) }
```

Border

The CSS property to change the border of an element to Yxy 65.0221, 0.3078, 0.3081 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(218, 207, 226) }
```

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

```
.border{ border-color:rgb(218, 207, 226) }
```

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

Here you see how a box with a 4 pixel rgb(218, 207, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 207, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 207, 226);  
box-shadow:4px 4px 4px 4px rgb(218, 207,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 65.0221, 0.3078, 0.3081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 207, 226) }
```

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

```
.background{ background-color: rgb(218,  
207, 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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