

Converting Colors

Yxy(68.2349, 0.3041, 0.3102)

Have a look what the booklet for
Yxy(68.2349, 0.3041, 0.3102)
contains.

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Color

Yxy(68.0534, 0.3042, 0.3104)

Conversions

Conversions Part 1

Format	Color
Hex	D9D5E6
RGB	217, 213, 230
RGB Percent	85%, 84%, 90%
CMY	0.1490, 0.1647, 0.0980
CMYK	0.06, 0.07, 0.00, 0.10
HSL	254°, 25%, 87%
HSV	254°, 7%, 90%
XYZ	66.6941, 68.0534, 84.4967
YIQ	216.1340, -3.0730, 6.1350

Conversions

Conversions Part 2

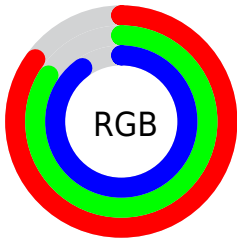
Format	Color
R _Y B	217, 213, 230
Decimal	14276070
CIE Lab	86.03, 4.51, -7.87
CIE LCh	86, 9.073, 299.823
Yxy	68.0534, 0.3042, 0.3104
Android (android.graphics.Color)	4292466150 (0xFFD9D5E6)
YUV	216.1340, 6.8359, 0.7595
Hunter-Lab	82.4945, -0.0540, -2.9829

Details

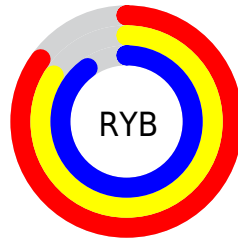
The Yxy color **68.0534, 0.3042, 0.3104** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77.5813, 0.3209, 0.3473**, and the grayscale version is **68.7217, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.2302, 0.3016, 0.3047** is the 20% darker color. If you saturate the color by 10%, you get **54.7388, 0.2912, 0.2828**, and if you desaturate by 10%, it is **83.3025, 0.3155, 0.3352**.

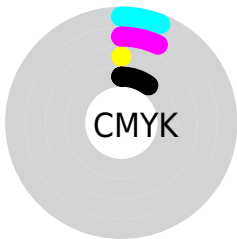
Distribution



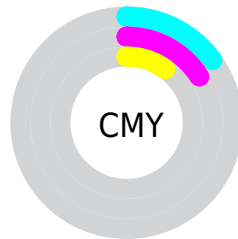
- Red (85%)
- Green (84%)
- Blue (90%)



- Red (85%)
- Yellow (84%)
- Blue (90%)



- Cyan (6%)
- Magenta (7%)
- Yellow (0%)
- Black (10%)



- Cyan (15%)
- Magenta (16%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.0534, 0.3042, 0.3104 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 68.0534, 0.3042, 0.3104 by changing the saturation by 10% instead.

■ 68.0534, 0.3042,
0.3104

■ 68.0534, 0.3042,
0.3104

453.6852, 0.3082,
0.3190

■ 49.9412, 0.3033,
0.3084

116.4285, 0.3056,
0.3134

■ 35.3667, 0.3021,
0.3060

147.4602, 0.3062,
0.3146

■ 23.9455, 0.3006,
0.3029

183.5672, 0.3066,
0.3156

■ 15.2932, 0.2986,
0.2988

225.1339, 0.3070,
0.3164

■ 9.0254, 0.2959,
0.2932

272.5446, 0.3074,
0.3172

■ 4.7578, 0.2918,
0.2852

326.1838, 0.3077,

■ 2.1058, 0.2852,

0.3179

0.2724

386.4359, 0.3080,
0.3185

0.6679, 0.2733,
0.2451

0.0000, 0.0000,
0.0000

68.0534, 0.3042,
0.3104

68.0534, 0.3042,
0.3104

54.7388, 0.2912,
0.2828

83.3025, 0.3155,
0.3352

43.2724, 0.2763,
0.2525

97.9670, 0.3256,
0.3533

33.5740, 0.2598,
0.2202

98.4943, 0.3274,
0.3532

25.5542, 0.2420,
0.1869

■ 19.1157, 0.2236,
0.1542

■ 14.1509, 0.2054,
0.1242

■ 10.5385, 0.1888,
0.0990

■ 8.1372, 0.1748,
0.0803

■ 6.7619, 0.1642,
0.0688

Harmonies

Analogous

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



68.0534, 0.2954, 0.3109



68.0534, 0.3042, 0.3104



68.0534, 0.3154, 0.3147

Triad

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



68.0534, 0.3042, 0.3104



68.0534, 0.3346, 0.3413



68.0534, 0.2995, 0.3354

Complementary

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



68.0534, 0.3042, 0.3104



77.5813, 0.3209, 0.3473

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.



68.0534, 0.3098, 0.3440



68.0534, 0.3042, 0.3104



68.0534, 0.3301, 0.3473

Square

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



68.0534, 0.3042, 0.3104



68.0534, 0.3331, 0.3323



68.0534, 0.3210, 0.3484



68.0534, 0.2928, 0.3252

Rectangle

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



68.0534, 0.3042, 0.3104



68.0534, 0.3227, 0.3197



68.0534, 0.3210, 0.3484



68.0534, 0.3026, 0.3386

Sweetspot

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



68.0563, 0.3042, 0.3104



96.0565, 0.3105, 0.3241



74.2804, 0.3013, 0.3247



20.6014, 0.3106, 0.3243



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.



68.0563, 0.3042, 0.3104



83.0417, 0.3022, 0.3060



69.3897, 0.3103, 0.3108



14.0497, 0.3017, 0.3050



3.7251, 0.1632, 0.0673



0.3170, 0.1775, 0.0751

Inverse Universe

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



69.9088, 0.3163, 0.3151



85.8791, 0.3171, 0.3120



76.2436, 0.3150, 0.3476



14.5543, 0.3174, 0.3112



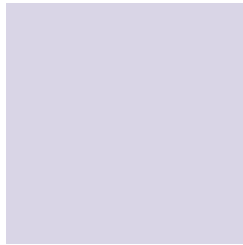
11.3183, 0.3907, 0.1926



0.8504, 0.3784, 0.1858

Previews

White Background



This preview shows how the Yxy color 68.0534, 0.3042, 0.3104 looks on a white background.

Color Contrast Check

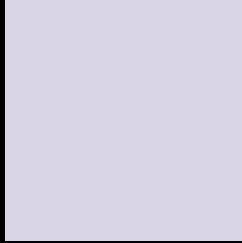
Large Text (above 18pt) WCAG AA × Fail

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 68.0534, 0.3042, 0.3104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

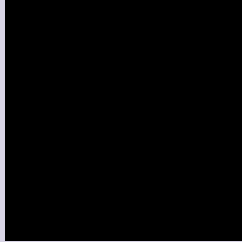
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

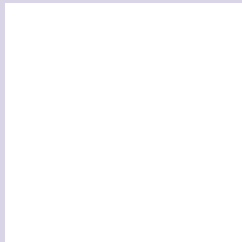
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.0534, 0.3042, 0.3104

Background



This preview shows how black text looks on a background with the Yxy color 68.0534, 0.3042, 0.3104.

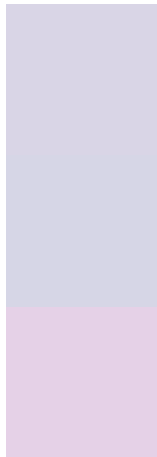


This preview shows how white text looks on a background with the Yxy color 68.0534, 0.3042, 0.3104.

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

68.0534, 0.3042, 0.3104

Protanopia

68.1024, 0.3021, 0.3114

Deuteranopia

68.0285, 0.3123, 0.3056



Tritanopia

68.0534, 0.3042, 0.3104

Trichromacy



Original Color

68.0534, 0.3042, 0.3104

Protanomaly

68.2534, 0.3028, 0.3115

Deuteranomaly

67.8703, 0.3094, 0.3064

Tritanomaly

68.0534, 0.3042, 0.3104

Monochromacy



Original Color

68.0534, 0.3042, 0.3104

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.4203, 0.3094, 0.3224

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.0534, 0.3042, 0.3104 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(217, 213, 230)` looks like.

```
.text, #text, p{  
    color:rgb(217, 213, 230)  
}
```

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(217, 213, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 213, 230) }
```

Border

The CSS property to change the border of an element to Yxy 68.0534, 0.3042, 0.3104 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(217, 213, 230) }
```

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

```
.border{ border-color:rgb(217, 213, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 213, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 213, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 213, 230);  
box-shadow:4px 4px 4px 4px rgb(217, 213,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 68.0534, 0.3042, 0.3104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 213, 230) }
```

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

```
.background{ background-color: rgb(217,  
213, 230) }
```

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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