

Converting Colors

Yxy(64.9779, 0.3118, 0.3168)

Have a look what the booklet for
Yxy(64.9779, 0.3118, 0.3168)
contains.

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Color

Yxy(64.9779, 0.3118, 0.3168)

Conversions

Conversions Part 1

Format	Color
Hex	D9D0DB
RGB	217, 208, 219
RGB Percent	85%, 82%, 86%
CMY	0.1491, 0.1843, 0.1412
CMYK	0.01, 0.05, 0.00, 0.14
HSL	289°, 13%, 84%
HSV	289°, 5%, 86%
XYZ	63.9524, 64.9779, 76.1767
YIQ	211.9450, 1.8330, 5.3290

Conversions

Conversions Part 2

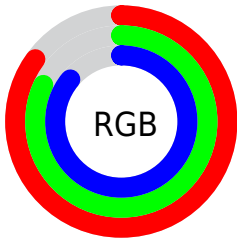
Format	Color
RYP	217, 208, 219
Decimal	14274779
CIELab	84.47, 5.07, -4.32
CIElCh	84, 6.658, 319.541
Yxy	64.9779, 0.3118, 0.3168
Android (android.graphics.Color)	4292464859 (0xFFD9D0DB)
YUV	211.9450, 3.4781, 4.4332
Hunter-Lab	80.6089, 0.5504, 0.3962

Details

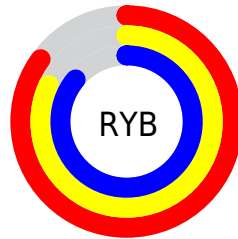
The Yxy color **64.9779, 0.3118, 0.3168** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.9117, 0.3136, 0.3414**, and the grayscale version is **65.7754, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.4729, 0.3114, 0.3144** is the 20% darker color. If you saturate the color by 10%, you get **54.4258, 0.3096, 0.2915**, and if you desaturate by 10%, it is **77.0245, 0.3135, 0.3408**.

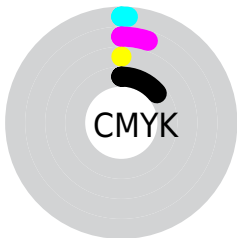
Distribution



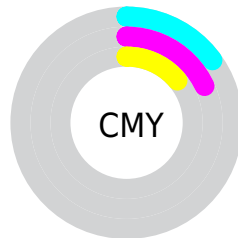
- Red (85%)
- Green (82%)
- Blue (86%)



- Red (85%)
- Yellow (82%)
- Blue (86%)



- Cyan (1%)
- Magenta (5%)
- Yellow (0%)
- Black (14%)



- Cyan (15%)
- Magenta (18%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.9779, 0.3118, 0.3168 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 64.9779, 0.3118, 0.3168 by changing the saturation by 10% instead.

■ 64.9779, 0.3118,
0.3168

■ 64.9779, 0.3118,
0.3168

442.7125, 0.3123,
0.3225

■ 47.4432, 0.3117,
0.3155

112.0181, 0.3120,
0.3188

■ 33.3861, 0.3115,
0.3138

142.2923, 0.3120,
0.3196

■ 22.4224, 0.3114,
0.3117

177.5818, 0.3121,
0.3202

■ 14.1676, 0.3111,
0.3089

218.2710, 0.3121,
0.3208

■ 8.2373, 0.3107,
0.3051

264.7443, 0.3122,
0.3213

■ 4.2472, 0.3101,
0.2994

317.3861, 0.3122,

■ 1.8128, 0.3091,

0.3218

0.2903

376.5807, 0.3122,
0.3222

0.4951, 0.3078,
0.2565

0.0000, 0.0000,
0.0000

64.9779, 0.3118,
0.3168

64.9779, 0.3118,
0.3168

54.4258, 0.3096,
0.2915

77.0245, 0.3135,
0.3408

45.2998, 0.3070,
0.2654

90.6140, 0.3149,
0.3631

37.5384, 0.3038,
0.2391

93.2813, 0.3172,
0.3660

31.0724, 0.3002,
0.2137

93.9438, 0.3197,
0.3657

■ 25.8265, 0.2960,
0.1900

■ 94.6215, 0.3222,
0.3654

■ 21.7176, 0.2916,
0.1692

■ 95.3144, 0.3248,
0.3651

■ 18.6521, 0.2868,
0.1522

■ 96.0227, 0.3274,
0.3649

■ 16.5211, 0.2820,
0.1396

■ 96.7463, 0.3299,
0.3646

■ 15.1919, 0.2771,
0.1316

■ 97.4855, 0.3325,
0.3643

Harmonies

Analogous

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



64.9779, 0.3038, 0.3148



64.9779, 0.3118, 0.3168



64.9779, 0.3201, 0.3220

Triad

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



64.9779, 0.3118, 0.3168



64.9779, 0.3273, 0.3415



64.9779, 0.2992, 0.3288

Complementary

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



64.9779, 0.3118, 0.3168



68.9117, 0.3136, 0.3414

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.



64.9779, 0.3053, 0.3362



64.9779, 0.3118, 0.3168



64.9779, 0.3215, 0.3436

Square

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



64.9779, 0.3118, 0.3168



64.9779, 0.3291, 0.3361



64.9779, 0.3135, 0.3417



64.9779, 0.2966, 0.3216

Rectangle

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



64.9779, 0.3118, 0.3168



64.9779, 0.3247, 0.3265



64.9779, 0.3135, 0.3417



64.9779, 0.3009, 0.3314

Sweetspot

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



64.9807, 0.3118, 0.3168



96.6136, 0.3124, 0.3241



64.6296, 0.3051, 0.3188



20.7148, 0.3124, 0.3244



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.



64.9807, 0.3118, 0.3168



90.0997, 0.3116, 0.3142



65.1073, 0.3157, 0.3207



13.8200, 0.3115, 0.3129



8.7710, 0.2755, 0.1291



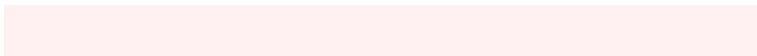
0.6001, 0.2833, 0.1334

Inverse Universe

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



64.8283, 0.3196, 0.3268



89.8436, 0.3211, 0.3263



68.7935, 0.3098, 0.3375



13.7771, 0.3219, 0.3261



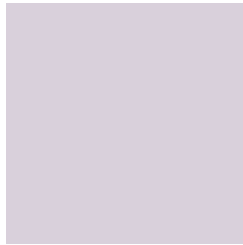
9.0317, 0.6112, 0.3140



0.5968, 0.5675, 0.2900

Previews

White Background



This preview shows how the Yxy color 64.9779, 0.3118, 0.3168 looks on a white background.

Color Contrast Check

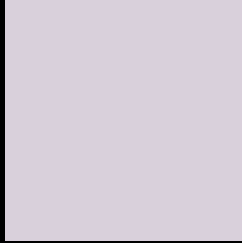
Large Text (above 18pt) WCAG AA × Fail

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 64.9779, 0.3118, 0.3168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

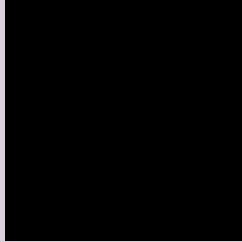
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

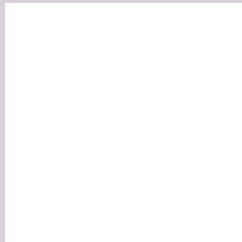
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.9779, 0.3118, 0.3168

Background



This preview shows how black text looks on a background with the Yxy color 64.9779, 0.3118, 0.3168.

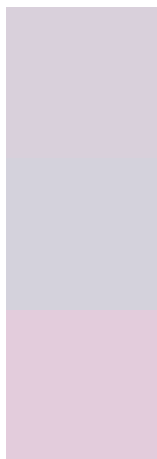


This preview shows how white text looks on a background with the Yxy color 64.9779, 0.3118, 0.3168.

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

64.9779, 0.3118, 0.3168

Protanopia

65.2575, 0.3074, 0.3178

Deuteranopia

64.6839, 0.3189, 0.3116



Tritanopia

64.9129, 0.3091, 0.3102

Trichromacy



Original Color

64.9779, 0.3118, 0.3168

Protanomaly

65.0644, 0.3089, 0.3167

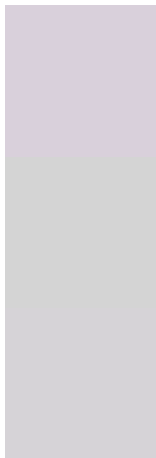
Deuteranomaly

64.5179, 0.3158, 0.3125

Tritanomaly

64.8050, 0.3105, 0.3124

Monochromacy



Original Color

64.9779, 0.3118, 0.3168

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.7910, 0.3122, 0.3245

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.9779, 0.3118, 0.3168 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, 208, 219)` looks like.

```
.text, #text, p{  
    color:rgb(217, 208, 219)  
}
```

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, 208, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 208, 219) }
```

Border

The CSS property to change the border of an element to Yxy 64.9779, 0.3118, 0.3168 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, 208, 219) }
```

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

```
.border{ border-color:rgb(217, 208, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 208, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 208, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 208, 219);  
box-shadow:4px 4px 4px 4px rgb(217, 208,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 64.9779, 0.3118, 0.3168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 208, 219) }
```

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

```
.background{ background-color: rgb(217,  
208, 219) }
```

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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