

Converting Colors

$Yxy(69.0228, 0.3113, 0.3256)$

Have a look what the booklet for
Yxy(69.0228, 0.3113, 0.3256)
contains.

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Color

Yxy(68.9779, 0.3114, 0.3257)

Conversions

Conversions Part 1

Format	Color
Hex	D9D8DB
RGB	217, 216, 219
RGB Percent	85%, 85%, 86%
CMY	0.1492, 0.1529, 0.1412
CMYK	0.01, 0.01, 0.00, 0.14
HSL	259°, 4%, 85%
HSV	259°, 1%, 86%
XYZ	65.9494, 68.9779, 76.8562
YIQ	216.6410, -0.3670, 1.1450

Conversions

Conversions Part 2

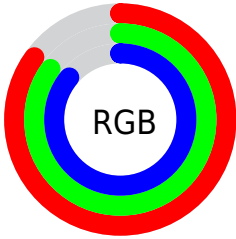
Format	Color
RYB	217, 216, 219
Decimal	14276827
CIELab	86.49, 0.87, -1.36
CIElCh	86, 1.617, 302.546
Yxy	68.9779, 0.3114, 0.3257
Android (android.graphics.Color)	4292466907 (0xFFD9D8DB)
YUV	216.6410, 1.1630, 0.3148
Hunter-Lab	83.0529, -3.6021, 3.2708

Details

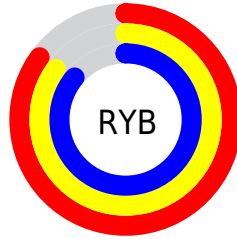
The Yxy color **68.9779, 0.3114, 0.3257** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.5362, 0.3140, 0.3323**, and the grayscale version is **69.1202, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.8515, 0.3110, 0.3247** is the 20% darker color. If you saturate the color by 10%, you get **56.3103, 0.3009, 0.3000**, and if you desaturate by 10%, it is **83.3541, 0.3204, 0.3487**.

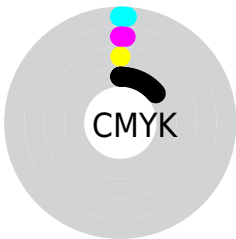
Distribution



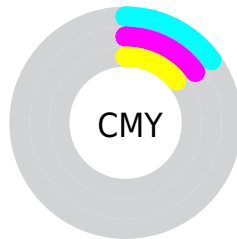
- Red (85%)
- Green (85%)
- Blue (86%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.9779, 0.3114, 0.3257 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 68.9779, 0.3114, 0.3257 by changing the saturation by 10% instead.

■ 68.9779, 0.3114,
0.3257

■ 68.9779, 0.3114,
0.3257

456.9530, 0.3120,
0.3273

■ 50.6937, 0.3113,
0.3253

117.7500, 0.3116,
0.3262

■ 35.9649, 0.3111,
0.3249

149.0067, 0.3117,
0.3265

■ 24.4071, 0.3108,
0.3243

185.3564, 0.3118,
0.3266

■ 15.6359, 0.3105,
0.3236

227.1834, 0.3118,
0.3268

■ 9.2669, 0.3101,
0.3226

274.8722, 0.3119,
0.3269

■ 4.9157, 0.3095,
0.3210

328.8071, 0.3119,

■ 2.1979, 0.3085,

0.3270

0.3186

389.3726, 0.3120,
0.3272

0.7188, 0.3061,
0.3124

0.0000, 0.0000,
0.0000

68.9779, 0.3114,
0.3257

68.9779, 0.3114,
0.3257

56.3103, 0.3009,
0.3000

83.3541, 0.3204,
0.3487

45.2783, 0.2887,
0.2718

96.3792, 0.3286,
0.3647

35.8165, 0.2749,
0.2414

97.8946, 0.3339,
0.3641

27.8519, 0.2596,
0.2095

■ 21.3052, 0.2431,
0.1774

■ 16.0900, 0.2261,
0.1467

■ 12.1100, 0.2094,
0.1192

■ 9.2554, 0.1940,
0.0968

■ 7.3957, 0.1808,
0.0808

Harmonies

Analogous

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



68.9779, 0.3098, 0.3257



68.9779, 0.3114, 0.3257



68.9779, 0.3134, 0.3265

Triad

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



68.9779, 0.3114, 0.3257



68.9779, 0.3165, 0.3314



68.9779, 0.3102, 0.3300

Complementary

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



68.9779, 0.3114, 0.3257



70.5362, 0.3140, 0.3323

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.



68.9779, 0.3120, 0.3315



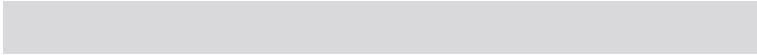
68.9779, 0.3114, 0.3257



68.9779, 0.3157, 0.3323

Square

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



68.9779, 0.3114, 0.3257



68.9779, 0.3164, 0.3298



68.9779, 0.3140, 0.3324



68.9779, 0.3091, 0.3282

Rectangle

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



68.9779, 0.3114, 0.3257



68.9779, 0.3147, 0.3275



68.9779, 0.3140, 0.3324



68.9779, 0.3108, 0.3306

Sweetspot

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



68.9809, 0.3114, 0.3257

100.0000, 0.3127, 0.3290



69.8879, 0.3106, 0.3280



21.4041, 0.3127, 0.3290



0.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



68.9809, 0.3114, 0.3257



96.1354, 0.3108, 0.3241



69.2100, 0.3125, 0.3257



14.9270, 0.3109, 0.3244



3.8489, 0.1729, 0.0726



0.2947, 0.1908, 0.0825

Inverse Universe

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



69.2449, 0.3135, 0.3268



96.6851, 0.3139, 0.3257



70.3076, 0.3130, 0.3323



15.0066, 0.3138, 0.3259



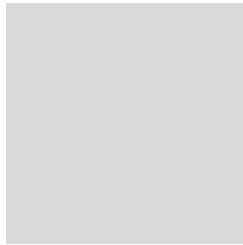
10.2441, 0.4209, 0.2092



0.6791, 0.4006, 0.1981

Previews

White Background



This preview shows how the Yxy color 68.9779, 0.3114, 0.3257 looks on a white background.

Color Contrast Check

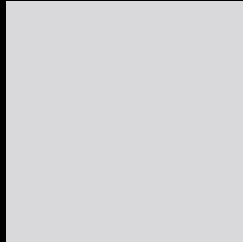
Large Text (above 18pt) WCAG AA × Fail

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 68.9779, 0.3114, 0.3257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

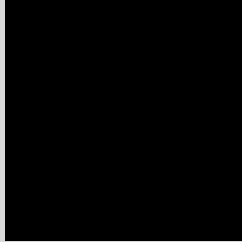
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

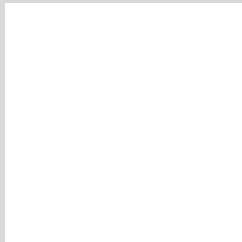
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.9779, 0.3114, 0.3257

Background



This preview shows how black text looks on a background with the Yxy color 68.9779, 0.3114, 0.3257.

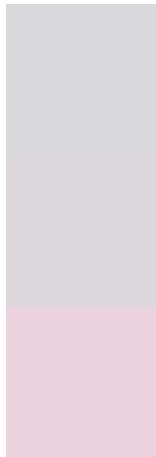


This preview shows how white text looks on a background with the Yxy color 68.9779, 0.3114, 0.3257.

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

68.9779, 0.3114, 0.3257

Protanopia

68.7754, 0.3129, 0.3246

Deuteranopia

68.9227, 0.3244, 0.3184



Tritanopia

68.9227, 0.3050, 0.3105

Trichromacy



Original Color

68.9779, 0.3114, 0.3257

Protanomaly

68.6208, 0.3122, 0.3246

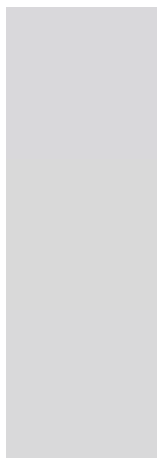
Deuteranomaly

68.7483, 0.3190, 0.3204

Tritanomaly

69.0524, 0.3069, 0.3159

Monochromacy



Original Color

68.9779, 0.3114, 0.3257

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.4394, 0.3120, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.9779, 0.3114, 0.3257 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, 216, 219) looks like.

```
.text, #text, p{  
    color:rgb(217, 216, 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, 216, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 216, 219) }
```

Border

The CSS property to change the border of an element to Yxy 68.9779, 0.3114, 0.3257 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, 216, 219) }
```

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

```
.border{ border-color:rgb(217, 216, 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, 216, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 216, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 216, 219);  
box-shadow:4px 4px 4px 4px rgb(217, 216,  
219) }
```

Background

The CSS property to change the background color of an element to Yxy 68.9779, 0.3114, 0.3257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 216, 219) }
```

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

```
.background{ background-color: rgb(217,  
216, 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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