

Converting Colors

Yxy(69.1151, 0.3109, 0.3300)

Have a look what the booklet for
Yxy(69.1151, 0.3109, 0.3300)
contains.

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Color

Yxy(68.8797, 0.3112, 0.3301)

Conversions

Conversions Part 1

Format	Color
Hex	D6D9D8
RGB	214, 217, 216
RGB Percent	84%, 85%, 85%
CMY	0.1609, 0.1490, 0.1529
CMYK	0.01, 0.00, 0.00, 0.15
HSL	160°, 4%, 85%
HSV	160°, 1%, 85%
XYZ	64.9360, 68.8797, 74.8475
YIQ	215.9890, -1.4670, -0.9470

Conversions

Conversions Part 2

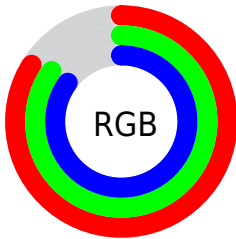
Format	Color
R_{YB}	214, 216, 217
Decimal	14080472
CIE _{Lab}	86.44, -1.20, 0.12
CIE _{LCh}	86, 1.205, 174.360
Yxy	68.8797, 0.3112, 0.3301
Android (android.graphics.Color)	4292270552 (0xFFD6D9D8)
YUV	215.9890, 0.0054, -1.7444
Hunter-Lab	82.9938, -5.5773, 4.6253

Details

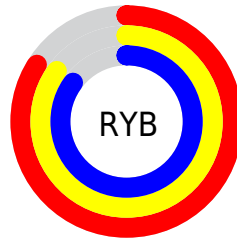
The Yxy color **68.8797, 0.3112, 0.3301** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.7416, 0.3143, 0.3279**, and the grayscale version is **68.6626, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.7848, 0.3108, 0.3305** is the 20% darker color. If you saturate the color by 10%, you get **65.4717, 0.3005, 0.3385**, and if you desaturate by 10%, it is **72.7446, 0.3221, 0.3226**.

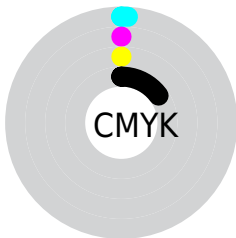
Distribution



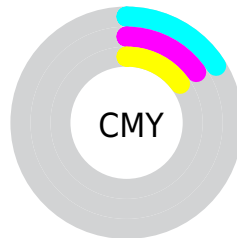
- Red (84%)
- Green (85%)
- Blue (85%)



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



- Cyan (1%)
- Magenta (0%)
- Yellow (0%)
- Black (15%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.8797, 0.3112, 0.3301 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 68.8797, 0.3112, 0.3301 by changing the saturation by 10% instead.

■ 68.8797, 0.3112,
0.3301

■ 68.8797, 0.3112,
0.3301

456.6066, 0.3119,
0.3296

■ 50.6137, 0.3110,
0.3302

117.6097, 0.3114,
0.3299

■ 35.9013, 0.3108,
0.3304

148.8426, 0.3115,
0.3299

■ 24.3580, 0.3106,
0.3305

185.1666, 0.3116,
0.3298

■ 15.5994, 0.3102,
0.3308

226.9660, 0.3117,
0.3297

■ 9.2411, 0.3097,
0.3311

274.6253, 0.3118,
0.3297

■ 4.8988, 0.3090,
0.3316

328.5289, 0.3118,

■ 2.1880, 0.3079,

0.3297

389.0612, 0.3119,
0.3296

0.3324

0.7134, 0.3045,
0.3348

0.0000, 0.0000,
0.0000

68.8797, 0.3112,
0.3301

68.8797, 0.3112,
0.3301

65.4717, 0.3005,
0.3385

72.7446, 0.3221,
0.3226

62.4944, 0.2902,
0.3478


76.6191, 0.3313,
0.3158

59.9324, 0.2807,
0.3580


77.0284, 0.3263,
0.3088


57.7659, 0.2722,
0.3689


77.4543, 0.3215,
0.3019


 55.9736, 0.2650,
0.3806


 77.8970, 0.3167,
0.2952

 54.5321, 0.2594,
0.3928

 78.1108, 0.3145,
0.2920

 53.4150, 0.2557,
0.4053

 52.5925, 0.2540,
0.4180

 52.0286, 0.2543,
0.4306

Harmonies

Analogous

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



68.8797, 0.3126, 0.3311



68.8797, 0.3112, 0.3301



68.8797, 0.3102, 0.3288

Triad

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



68.8797, 0.3112, 0.3301



68.8797, 0.3114, 0.3265



68.8797, 0.3156, 0.3305

Complementary

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



68.8797, 0.3112, 0.3301



67.7416, 0.3143, 0.3279

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.



68.8797, 0.3153, 0.3292



68.8797, 0.3112, 0.3301



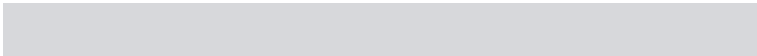
68.8797, 0.3128, 0.3269

Square

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



68.8797, 0.3112, 0.3301



68.8797, 0.3103, 0.3267



68.8797, 0.3143, 0.3279



68.8797, 0.3152, 0.3313

Rectangle

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



68.8797, 0.3112, 0.3301



68.8797, 0.3099, 0.3279



68.8797, 0.3143, 0.3279



68.8797, 0.3156, 0.3301

Sweetspot

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



68.8827, 0.3112, 0.3301

100.0000, 0.3127, 0.3290



68.9304, 0.3133, 0.3324



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.



68.8827, 0.3112, 0.3301



98.9381, 0.3105, 0.3306



68.6744, 0.3106, 0.3284



15.3333, 0.3107, 0.3305



31.3122, 0.2554, 0.4394



2.0442, 0.2498, 0.4192

Inverse Universe

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



67.7416, 0.3143, 0.3279



96.5704, 0.3150, 0.3274



67.9466, 0.3149, 0.3296



14.9900, 0.3148, 0.3275



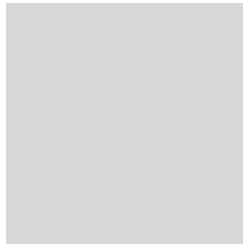
9.2248, 0.5648, 0.2885



0.6132, 0.5185, 0.2630

Previews

White Background



This preview shows how the Yxy color 68.8797, 0.3112, 0.3301 looks on a white background.

Color Contrast Check

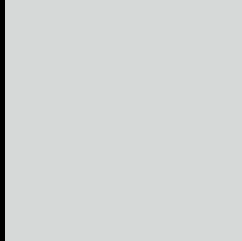
Large Text (above 18pt) WCAG AA × Fail

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 68.8797, 0.3112, 0.3301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

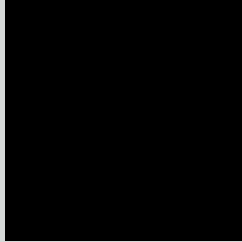
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

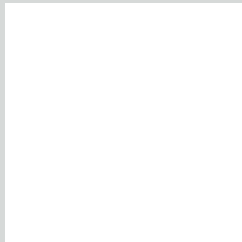
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.8797, 0.3112, 0.3301

Background



This preview shows how black text looks on a background with the Yxy color 68.8797, 0.3112, 0.3301.

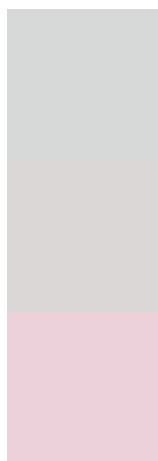


This preview shows how white text looks on a background with the Yxy color 68.8797, 0.3112, 0.3301.

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

68.8797, 0.3112, 0.3301

Protanopia

68.7228, 0.3164, 0.3290

Deuteranopia

68.4958, 0.3267, 0.3195



Tritanopia

69.0260, 0.3022, 0.3105

Trichromacy



Original Color

68.8797, 0.3112, 0.3301

Protanomaly

68.9235, 0.3148, 0.3301

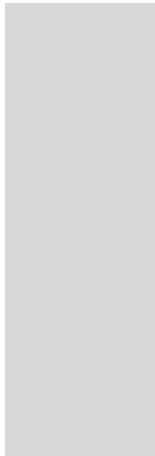
Deuteranomaly

68.5907, 0.3211, 0.3236

Tritanomaly

69.0498, 0.3054, 0.3180

Monochromacy



Original Color

68.8797, 0.3112, 0.3301

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.5167, 0.3120, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.8797, 0.3112, 0.3301 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(214, 217, 216) looks like.

```
.text, #text, p{  
    color:rgb(214, 217, 216)  
}
```

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(214, 217, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 217, 216) }
```

Border

The CSS property to change the border of an element to Yxy 68.8797, 0.3112, 0.3301 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(214, 217, 216) }
```

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

```
.border{ border-color:rgb(214, 217, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 217, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 217, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 217, 216);  
box-shadow:4px 4px 4px 4px rgb(214, 217,  
216) }
```

Background

The CSS property to change the background color of an element to Yxy 68.8797, 0.3112, 0.3301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 217, 216) }
```

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

```
.background{ background-color: rgb(214,  
217, 216) }
```

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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