

Converting Colors

$Y_{xy}(61.7783, 0.3230, 0.3170)$

Have a look what the booklet for
Yxy(61.7783, 0.3230, 0.3170)
contains.

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Color

Yxy(61.6997, 0.3227, 0.3168)

Conversions

Conversions Part 1

Format	Color
Hex	DFC8D3
RGB	223, 200, 211
RGB Percent	87%, 78%, 83%
CMY	0.1254, 0.2157, 0.1726
CMYK	0.00, 0.10, 0.05, 0.13
HSL	331°, 26%, 83%
HSV	331°, 10%, 87%
XYZ	62.8488, 61.6997, 70.2107
YIQ	208.1310, 10.1770, 8.2970

Conversions

Conversions Part 2

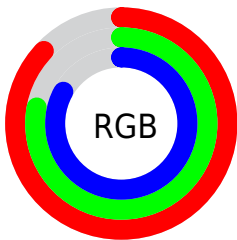
Format	Color
R_{YB}	223, 200, 211
Decimal	14665939
CIE _{Lab}	82.75, 9.94, -2.52
CIE _{LCh}	83, 10.255, 345.761
Yxy	61.6997, 0.3227, 0.3168
Android (android.graphics.Color)	4292856019 (0xFFDFC8D3)
YUV	208.1310, 1.4144, 13.0401
Hunter-Lab	78.5492, 5.3605, 1.9884

Details

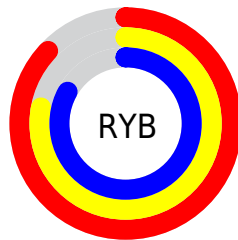
The Yxy color **61.6997, 0.3227, 0.3168** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.8280, 0.3038, 0.3415**, and the grayscale version is **63.1547, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.3169, 0.3249, 0.3130** is the 20% darker color. If you saturate the color by 10%, you get **51.5501, 0.3344, 0.3043**, and if you desaturate by 10%, it is **73.4041, 0.3130, 0.3286**.

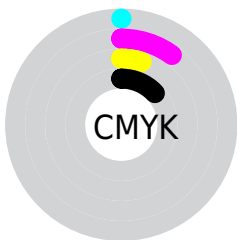
Distribution



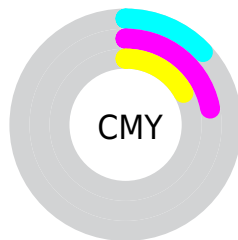
- Red (87%)
- Green (78%)
- Blue (83%)



- Red (87%)
- Yellow (78%)
- Blue (83%)



- Cyan (0%)
- Magenta (10%)
- Yellow (5%)
- Black (13%)



- Cyan (13%)
- Magenta (22%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.6997, 0.3227, 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 61.6997, 0.3227, 0.3168 by changing the saturation by 10% instead.

61.6997, 0.3227,
0.3168

61.6997, 0.3227,
0.3168

430.8349, 0.3180,
0.3226

44.7901, 0.3238,
0.3155

107.2914, 0.3210,
0.3188

31.2921, 0.3252,
0.3138

136.7423, 0.3204,
0.3196

20.8214, 0.3270,
0.3116

171.1424, 0.3198,
0.3203

12.9935, 0.3294,
0.3087

210.8761, 0.3194,
0.3209

7.4241, 0.3327,
0.3047

256.3278, 0.3190,
0.3214

3.7287, 0.3377,
0.2987


307.8819, 0.3186,

1.5230, 0.3461,

0.3218

0.2889


365.9228, 0.3183,
0.3222

 0.3048, 0.3957,
0.2266


 0.0000, 0.0000,
0.0000


 61.6997, 0.3227,
0.3168


 61.6997, 0.3227,
0.3168


 51.5501, 0.3344,
0.3043


 73.4041, 0.3130,
0.3286


 42.8813, 0.3485,
0.2915

 86.7172, 0.3050,
0.3397

 35.6255, 0.3653,
0.2788

 93.8664, 0.2984,
0.3381

 29.7061, 0.3849,
0.2670

 94.4333, 0.2935,
0.3289

■ 25.0395, 0.4073,
0.2570

■ 21.5323, 0.4320,
0.2500

■ 19.0780, 0.4582,
0.2475

■ 17.5498, 0.4843,
0.2502

■ 16.7409, 0.5085,
0.2575

Harmonies

Analogous

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



61.6997, 0.3095, 0.3094



61.6997, 0.3227, 0.3168



61.6997, 0.3333, 0.3274

Triad

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



61.6997, 0.3227, 0.3168



61.6997, 0.3279, 0.3518



61.6997, 0.2878, 0.3185

Complementary

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



61.6997, 0.3227, 0.3168



69.8280, 0.3038, 0.3415

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.



61.6997, 0.2925, 0.3301



61.6997, 0.3227, 0.3168



61.6997, 0.3155, 0.3497

Square

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



61.6997, 0.3227, 0.3168



61.6997, 0.3363, 0.3476



61.6997, 0.3025, 0.3417



61.6997, 0.2896, 0.3101

Rectangle

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



61.6997, 0.3227, 0.3168



61.6997, 0.3374, 0.3350



61.6997, 0.3025, 0.3417



61.6997, 0.2886, 0.3222

Sweetspot

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



61.7024, 0.3227, 0.3168



94.9607, 0.3154, 0.3255



60.6185, 0.3054, 0.3030



20.0444, 0.3162, 0.3246



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.



61.7024, 0.3227, 0.3168



81.0179, 0.3246, 0.3147



61.3483, 0.3309, 0.3295



13.8088, 0.3218, 0.3179



9.8626, 0.5050, 0.2556



0.7016, 0.4692, 0.2358

Inverse Universe

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



61.7024, 0.3227, 0.3168



81.0179, 0.3246, 0.3147



70.1966, 0.2969, 0.3285



13.8088, 0.3218, 0.3179



9.8626, 0.5050, 0.2556



0.7016, 0.4692, 0.2358

Previews

White Background



This preview shows how the Yxy color 61.6997, 0.3227, 0.3168 looks on a white background.

Color Contrast Check

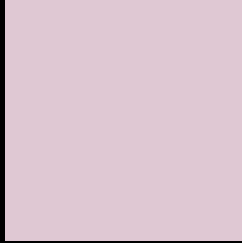
Large Text (above 18pt) WCAG AA × Fail

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 61.6997, 0.3227, 0.3168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

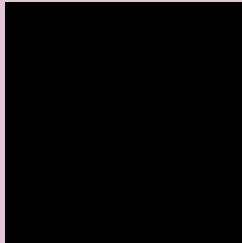
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.6997, 0.3227, 0.3168

Background



This preview shows how black text looks on a background with the Yxy color 61.6997, 0.3227, 0.3168.



This preview shows how white text looks on a background with the Yxy color 61.6997, 0.3227, 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

61.6997, 0.3227, 0.3168

Protanopia

61.7831, 0.3079, 0.3187

Deuteranopia

61.8590, 0.3234, 0.3168



Tritanopia

61.6004, 0.3206, 0.3113

Trichromacy



Original Color

61.6997, 0.3227, 0.3168

Protanomaly

61.6621, 0.3132, 0.3177

Deuteranomaly

61.8590, 0.3234, 0.3168

Tritanomaly

61.5492, 0.3213, 0.3124

Monochromacy



Original Color

61.6997, 0.3227, 0.3168

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.4122, 0.3160, 0.3245

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.6997, 0.3227, 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(223, 200, 211)` looks like.

```
.text, #text, p{  
    color:rgb(223, 200, 211)  
}
```

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(223, 200, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 200, 211) }
```

Border

The CSS property to change the border of an element to Yxy 61.6997, 0.3227, 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(223, 200, 211) }
```

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

```
.border{ border-color:rgb(223, 200, 211) }
```

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

Here you see how a box with a 4 pixel rgb(223, 200, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 200, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 200, 211);  
box-shadow:4px 4px 4px 4px rgb(223, 200,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 61.6997, 0.3227, 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(223, 200, 211) }
```

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

```
.background{ background-color: rgb(223,  
200, 211) }
```

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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