

Converting Colors

$Yxy(60.6741, 0.3229, 0.3200)$

Have a look what the booklet for
Yxy(60.6741, 0.3229, 0.3200)
contains.

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Color

Yxy(60.5675, 0.3234, 0.3200)

Conversions

Conversions Part 1

Format	Color
Hex	DCC7CF
RGB	220, 199, 207
RGB Percent	86%, 78%, 81%
CMY	0.1371, 0.2196, 0.1882
CMYK	0.00, 0.10, 0.06, 0.14
HSL	337°, 23%, 82%
HSV	337°, 10%, 86%
XYZ	61.2110, 60.5675, 67.4949
YIQ	206.1910, 9.9480, 6.9400

Conversions

Conversions Part 2

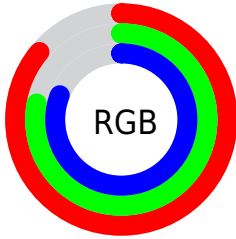
Format	Color
R _Y B	220, 199, 207
Decimal	14469071
CIE Lab	82.15, 8.74, -1.31
CIE LCh	82, 8.841, 351.458
Yxy	60.5675, 0.3234, 0.3200
Android (android.graphics.Color)	4292659151 (0xFFDCC7CF)
YUV	206.1910, 0.3988, 12.1105
Hunter-Lab	77.8251, 4.1999, 3.0575

Details

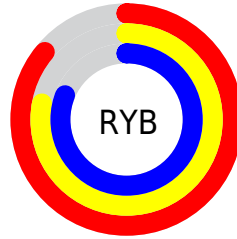
The Yxy color **60.5675, 0.3234, 0.3200** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.1067, 0.3031, 0.3382**, and the grayscale version is **61.8473, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **30.5500, 0.3259, 0.3172** is the 20% darker color. If you saturate the color by 10%, you get **50.5280, 0.3370, 0.3100**, and if you desaturate by 10%, it is **72.1340, 0.3123, 0.3294**.

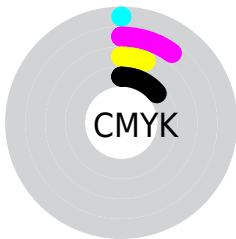
Distribution



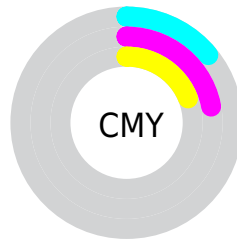
- Red (86%)
- Green (78%)
- Blue (81%)



- Red (86%)
- Yellow (78%)
- Blue (81%)



- Cyan (0%)
- Magenta (10%)
- Yellow (6%)
- Black (14%)





- Cyan (14%)
- Magenta (22%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.5675, 0.3234, 0.3200 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 60.5675, 0.3234, 0.3200 by changing the saturation by 10% instead.


 60.5675, 0.3234,
0.3200

 60.5675, 0.3234,
0.3200


426.6864, 0.3183,
0.3243

 43.8762, 0.3246,
0.3190

105.6525, 0.3216,
0.3215

 30.5732, 0.3261,
0.3177

134.8149, 0.3209,
0.3221

 20.2741, 0.3281,
0.3161


168.9032, 0.3203,
0.3226

 12.5944, 0.3307,
0.3139

208.3018, 0.3198,
0.3230

 7.1499, 0.3344,
0.3108

253.3950, 0.3194,
0.3234

 3.5560, 0.3400,
0.3062

304.5673, 0.3190,

 1.4284, 0.3495,

0.3237

0.2984

362.2029, 0.3186,
0.3240

0.2375, 0.4276,
0.2313

0.0000, 0.0000,
0.0000

60.5675, 0.3234,
0.3200

60.5675, 0.3234,
0.3200

50.5280, 0.3370,
0.3100

72.1340, 0.3123,
0.3294

41.9435, 0.3535,
0.2998

85.2796, 0.3032,
0.3381

34.7482, 0.3733,
0.2895

93.5141, 0.2956,
0.3362

28.8677, 0.3968,
0.2800

93.9628, 0.2917,
0.3289

■ 24.2212, 0.4241,
0.2721

■ 20.7183, 0.4544,
0.2671

■ 18.2565, 0.4865,
0.2662

■ 16.7142, 0.5182,
0.2703

■ 15.8881, 0.5474,
0.2792

Harmonies

Analogous

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



60.5675, 0.3122, 0.3128



60.5675, 0.3234, 0.3200



60.5675, 0.3318, 0.3295

Triad

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



60.5675, 0.3234, 0.3200



60.5675, 0.3240, 0.3489



60.5675, 0.2909, 0.3183

Complementary

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



60.5675, 0.3234, 0.3200



68.1067, 0.3031, 0.3382

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.



60.5675, 0.2939, 0.3280



60.5675, 0.3234, 0.3200



60.5675, 0.3130, 0.3460

Square

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



60.5675, 0.3234, 0.3200



60.5675, 0.3322, 0.3463



60.5675, 0.3020, 0.3382



60.5675, 0.2935, 0.3117

Rectangle

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



60.5675, 0.3234, 0.3200



60.5675, 0.3347, 0.3361



60.5675, 0.3020, 0.3382



60.5675, 0.2913, 0.3213

Sweetspot

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



60.5702, 0.3234, 0.3200



94.9143, 0.3159, 0.3262



60.0054, 0.3076, 0.3052



20.0319, 0.3168, 0.3255



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.



60.5702, 0.3234, 0.3200



82.3216, 0.3253, 0.3185



61.3278, 0.3291, 0.3318



13.1331, 0.3232, 0.3201



9.3228, 0.5446, 0.2774



0.6204, 0.5004, 0.2530

Inverse Universe

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



60.5702, 0.3234, 0.3200



82.3216, 0.3253, 0.3185



67.2407, 0.2980, 0.3262



13.1331, 0.3232, 0.3201



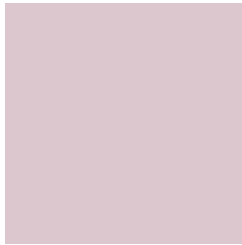
9.3228, 0.5446, 0.2774



0.6204, 0.5004, 0.2530

Previews

White Background



This preview shows how the Yxy color 60.5675, 0.3234, 0.3200 looks on a white background.

Color Contrast Check

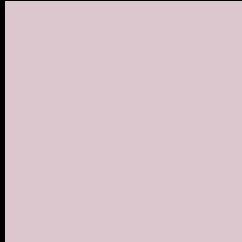
Large Text (above 18pt) WCAG AA × Fail

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 60.5675, 0.3234, 0.3200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

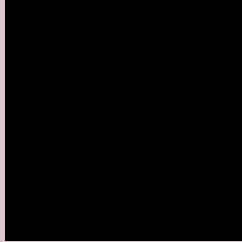
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.5675, 0.3234, 0.3200

Background



This preview shows how black text looks on a background with the Yxy color 60.5675, 0.3234, 0.3200.



This preview shows how white text looks on a background with the Yxy color 60.5675, 0.3234, 0.3200.

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

60.5675, 0.3234, 0.3200

Protanopia

60.4868, 0.3100, 0.3209

Deuteranopia

60.5811, 0.3258, 0.3190



Tritanopia

60.5644, 0.3198, 0.3123

Trichromacy



Original Color

60.5675, 0.3234, 0.3200

Protanomaly

60.6934, 0.3146, 0.3210

Deuteranomaly

60.4228, 0.3250, 0.3189

Tritanomaly

60.4635, 0.3213, 0.3145

Monochromacy



Original Color

60.5675, 0.3234, 0.3200

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.0170, 0.3167, 0.3256

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.5675, 0.3234, 0.3200 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(220, 199, 207)` looks like.

```
.text, #text, p{  
    color:rgb(220, 199, 207)  
}
```

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(220, 199, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 199, 207) }
```

Border

The CSS property to change the border of an element to Yxy 60.5675, 0.3234, 0.3200 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(220, 199, 207) }
```

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

```
.border{ border-color:rgb(220, 199, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 199, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 199, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 199, 207);  
box-shadow:4px 4px 4px 4px rgb(220, 199,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 60.5675, 0.3234, 0.3200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 199, 207) }
```

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

```
.background{ background-color: rgb(220,  
199, 207) }
```

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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