

Converting Colors

Yxy(67.0683, 0.3155, 0.3204)

Have a look what the booklet for
Yxy(67.0683, 0.3155, 0.3204)
contains.

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Color

Yxy(67.2326, 0.3153, 0.3202)

Conversions

Conversions Part 1

Format	Color
Hex	DED3DB
RGB	222, 211, 219
RGB Percent	87%, 83%, 86%
CMY	0.1295, 0.1725, 0.1410
CMYK	0.00, 0.05, 0.01, 0.13
HSL	316°, 14%, 85%
HSV	316°, 5%, 87%
XYZ	66.2037, 67.2326, 76.5343
YIQ	215.2010, 3.9880, 4.8200

Conversions

Conversions Part 2

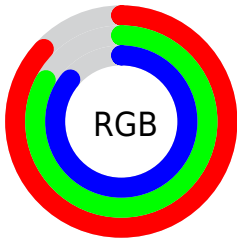
Format	Color
RYP	222, 211, 219
Decimal	14603227
CIELab	85.62, 5.20, -2.62
CIELCh	86, 5.818, 333.268
Yxy	67.2326, 0.3153, 0.3202
Android (android.graphics.Color)	4292793307 (0xFFDED3DB)
YUV	215.2010, 1.8729, 5.9627
Hunter-Lab	81.9955, 0.6301, 2.0558

Details

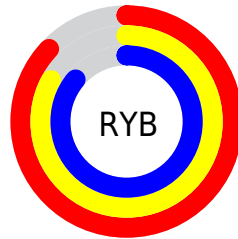
The Yxy color **67.2326, 0.3153, 0.3202** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.9332, 0.3102, 0.3380**, and the grayscale version is **68.0847, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.0098, 0.3161, 0.3190** is the 20% darker color. If you saturate the color by 10%, you get **56.6492, 0.3212, 0.3018**, and if you desaturate by 10%, it is **79.3560, 0.3103, 0.3377**.

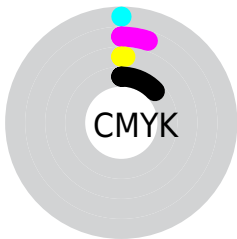
Distribution



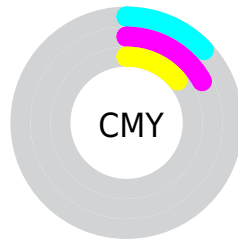
- Red (87%)
- Green (83%)
- Blue (86%)



- Red (87%)
- Yellow (83%)
- Blue (86%)



- Cyan (0%)
- Magenta (5%)
- Yellow (1%)
- Black (13%)



- Cyan (13%)
- Magenta (17%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.2326, 0.3153, 0.3202 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 67.2326, 0.3153, 0.3202 by changing the saturation by 10% instead.

■ 67.2326, 0.3153,
0.3202

■ 67.2326, 0.3153,
0.3202

450.7723, 0.3141,
0.3243

■ 49.2737, 0.3156,
0.3193

115.2536, 0.3149,
0.3216

■ 34.8366, 0.3159,
0.3181

146.0845, 0.3147,
0.3222

■ 23.5371, 0.3163,
0.3166

181.9749, 0.3146,
0.3227

■ 14.9906, 0.3169,
0.3146

223.3091, 0.3145,
0.3231

■ 8.8128, 0.3177,
0.3119

270.4716, 0.3144,
0.3234

■ 4.6193, 0.3188,
0.3079

323.8466, 0.3143,

■ 2.0256, 0.3206,

0.3238

383.8187, 0.3142,
0.3241

0.3015

0.6223, 0.3263,
0.2827

0.0000, 0.0000,
0.0000

67.2326, 0.3153,
0.3202

67.2326, 0.3153,
0.3202

56.6492, 0.3212,
0.3018

79.3560, 0.3103,
0.3377

47.5348, 0.3281,
0.2828

92.8113, 0.3061,
0.3538

39.8261, 0.3360,
0.2638

93.1525, 0.3028,
0.3476

33.4516, 0.3449,
0.2456

93.5052, 0.2995,
0.3414

■ 28.3333, 0.3548,
0.2290

■ 93.8696, 0.2962,
0.3353

■ 24.3853, 0.3654,
0.2151

■ 94.2456, 0.2930,
0.3293

■ 21.5110, 0.3765,
0.2050

■ 94.2662, 0.2929,
0.3289

■ 19.5980, 0.3876,
0.1995

■ 18.5087, 0.3984,
0.1988

Harmonies

Analogous

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



67.2326, 0.3080, 0.3171



67.2326, 0.3153, 0.3202



67.2326, 0.3219, 0.3256

Triad

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



67.2326, 0.3153, 0.3202



67.2326, 0.3234, 0.3410



67.2326, 0.2995, 0.3259

Complementary

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



67.2326, 0.3153, 0.3202



70.9332, 0.3102, 0.3380

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.



67.2326, 0.3036, 0.3324



67.2326, 0.3153, 0.3202



67.2326, 0.3173, 0.3412

Square

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



67.2326, 0.3153, 0.3202



67.2326, 0.3266, 0.3376



67.2326, 0.3100, 0.3381



67.2326, 0.2990, 0.3203

Rectangle

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



67.2326, 0.3153, 0.3202



67.2326, 0.3251, 0.3298



67.2326, 0.3100, 0.3381



67.2326, 0.3005, 0.3280

Sweetspot

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



67.2355, 0.3153, 0.3202



98.3399, 0.3132, 0.3272



66.1515, 0.3074, 0.3168



21.0663, 0.3132, 0.3273



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.



67.2355, 0.3153, 0.3202



90.3628, 0.3159, 0.3182



66.9518, 0.3191, 0.3262



14.5562, 0.3162, 0.3172



10.8058, 0.4023, 0.1990



0.7636, 0.3869, 0.1905

Inverse Universe

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



67.2355, 0.3153, 0.3202



90.3628, 0.3159, 0.3182



71.2176, 0.3067, 0.3318



14.5562, 0.3162, 0.3172



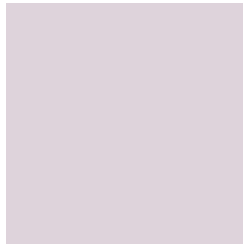
10.8058, 0.4023, 0.1990



0.7636, 0.3869, 0.1905

Previews

White Background



This preview shows how the Yxy color 67.2326, 0.3153, 0.3202 looks on a white background.

Color Contrast Check

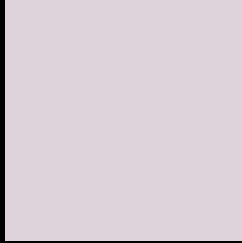
Large Text (above 18pt) WCAG AA × Fail

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 67.2326, 0.3153, 0.3202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

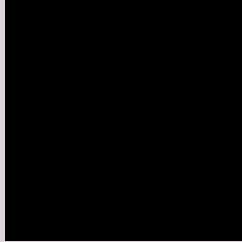
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

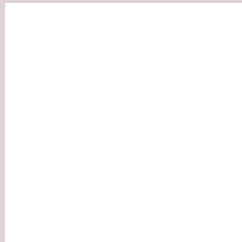
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.2326, 0.3153, 0.3202

Background



This preview shows how black text looks on a background with the Yxy color 67.2326, 0.3153, 0.3202.

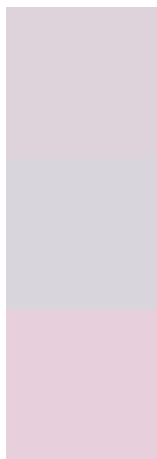


This preview shows how white text looks on a background with the Yxy color 67.2326, 0.3153, 0.3202.

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

67.2326, 0.3153, 0.3202

Protanopia

67.3547, 0.3102, 0.3212

Deuteranopia

66.9488, 0.3224, 0.3151



Tritanopia

67.2721, 0.3113, 0.3116

Trichromacy



Original Color

67.2326, 0.3153, 0.3202

Protanomaly

67.1597, 0.3117, 0.3202

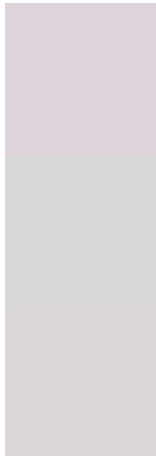
Deuteranomaly

66.7730, 0.3193, 0.3160

Tritanomaly

67.1089, 0.3134, 0.3148

Monochromacy



Original Color

67.2326, 0.3153, 0.3202

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.9564, 0.3143, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.2326, 0.3153, 0.3202 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(222, 211, 219)` looks like.

```
.text, #text, p{  
    color:rgb(222, 211, 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(222, 211, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 211, 219) }
```

Border

The CSS property to change the border of an element to Yxy 67.2326, 0.3153, 0.3202 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(222, 211, 219) }
```

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

```
.border{ border-color:rgb(222, 211, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 211, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 211, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 211, 219);  
box-shadow:4px 4px 4px 4px rgb(222, 211,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 67.2326, 0.3153, 0.3202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 211, 219) }
```

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

```
.background{ background-color: rgb(222,  
211, 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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