

Converting Colors

Yxy(66.5849, 0.3173, 0.2934)

Have a look what the booklet for
Yxy(66.5849, 0.3173, 0.2934)
contains.

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Color

Yxy(66.8225, 0.3174, 0.2938)

Conversions

Conversions Part 1

Format	Color
Hex	F0CAEC
RGB	240, 202, 236
RGB Percent	94%, 79%, 93%
CMY	0.0589, 0.2078, 0.0746
CMYK	0.00, 0.16, 0.02, 0.06
HSL	306°, 56%, 87%
HSV	306°, 16%, 94%
XYZ	72.1901, 66.8225, 88.4295
YIQ	217.2380, 11.7340, 18.6300

Conversions

Conversions Part 2

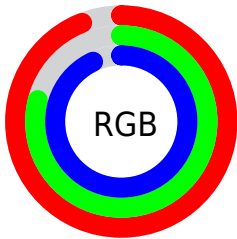
Format	Color
R _Y B	240, 202, 236
Decimal	15780588
CIE Lab	85.41, 19.06, -11.75
CIE LCh	85, 22.392, 328.360
Yxy	66.8225, 0.3174, 0.2938
Android (android.graphics.Color)	4293970668 (0xFFF0CAEC)
YUV	217.2380, 9.2497, 19.9623
Hunter-Lab	81.7450, 14.5819, -6.9168

Details

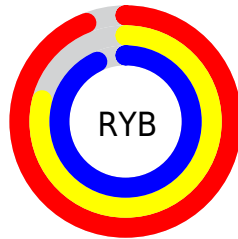
The Yxy color **66.8225, 0.3174, 0.2938** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **79.3306, 0.3083, 0.3669**, and the grayscale version is **69.4896, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.6654, 0.3187, 0.2863** is the 20% darker color. If you saturate the color by 10%, you get **56.2781, 0.3208, 0.2710**, and if you desaturate by 10%, it is **79.1261, 0.3143, 0.3163**.

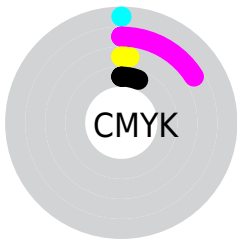
Distribution



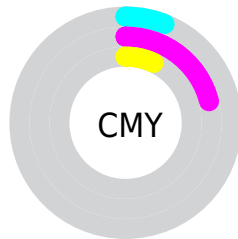
- Red (94%)
- Green (79%)
- Blue (93%)



- Red (94%)
- Yellow (79%)
- Blue (93%)



- Cyan (0%)
- Magenta (16%)
- Yellow (2%)
- Black (6%)




- Cyan (6%)
- Magenta (21%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.8225, 0.3174, 0.2938 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 66.8225, 0.3174, 0.2938 by changing the saturation by 10% instead.

 66.8225, 0.3174,
0.2938

 66.8225, 0.3174,
0.2938


449.3127, 0.3154,
0.3099

 48.9404, 0.3178,
0.2902

114.6660, 0.3167,
0.2993

 34.5722, 0.3183,
0.2857


145.3963, 0.3165,
0.3015

 23.3335, 0.3189,
0.2802

181.1780, 0.3162,
0.3034

 14.8400, 0.3196,
0.2729

222.3956, 0.3160,
0.3050

 8.7072, 0.3205,
0.2632

269.4334, 0.3159,
0.3064

 4.5507, 0.3215,
0.2495

322.6760, 0.3157,

 1.9861, 0.3227,

0.3077

0.2287

382.5076, 0.3155,
0.3088

0.5994, 0.3263,
0.1862

0.0000, 0.0000,
0.0000

66.8225, 0.3174,
0.2938

66.8225, 0.3174,
0.2938

56.2781, 0.3208,
0.2710

79.1261, 0.3143,
0.3163

47.4035, 0.3246,
0.2486

93.2556, 0.3116,
0.3379

40.1146, 0.3286,
0.2274

96.5503, 0.3100,
0.3402

34.3164, 0.3327,
0.2084

96.7052, 0.3085,
0.3377

■ 29.9039, 0.3369,
0.1926

■ 96.8622, 0.3071,
0.3352

■ 26.7586, 0.3411,
0.1809

■ 97.0214, 0.3057,
0.3327

■ 24.7417, 0.3450,
0.1735

■ 97.1827, 0.3042,
0.3302

■ 23.6820, 0.3486,
0.1706

■ 97.2636, 0.3035,
0.3290

■ 23.4099, 0.3500,
0.1702

Harmonies

Analogous

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



66.8225, 0.2901, 0.2840



66.8225, 0.3174, 0.2938



66.8225, 0.3445, 0.3120

Triad

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



66.8225, 0.3174, 0.2938



66.8225, 0.3567, 0.3736



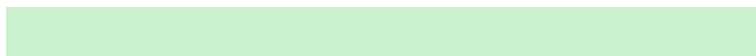
66.8225, 0.2646, 0.3197

Complementary

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



66.8225, 0.3174, 0.2938



79.3306, 0.3083, 0.3669

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.



66.8225, 0.2810, 0.3462



66.8225, 0.3174, 0.2938



66.8225, 0.3339, 0.3783

Square

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



66.8225, 0.3174, 0.2938



66.8225, 0.3677, 0.3572



66.8225, 0.3062, 0.3683



66.8225, 0.2606, 0.2975

Rectangle

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



66.8225, 0.3174, 0.2938



66.8225, 0.3584, 0.3270



66.8225, 0.3062, 0.3683



66.8225, 0.2688, 0.3285

Sweetspot

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



66.8254, 0.3174, 0.2938



92.0466, 0.3141, 0.3181



61.6326, 0.2896, 0.2868



19.4717, 0.3143, 0.3165



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.



66.8254, 0.3174, 0.2938



72.5623, 0.3185, 0.2864



65.7912, 0.3311, 0.3130



16.0009, 0.3154, 0.3081



12.8280, 0.3495, 0.1699



1.0754, 0.3452, 0.1675

Inverse Universe

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



66.8254, 0.3174, 0.2938



72.5623, 0.3185, 0.2864



80.2982, 0.2973, 0.3456



16.0009, 0.3154, 0.3081



12.8280, 0.3495, 0.1699



1.0754, 0.3452, 0.1675

Previews

White Background



This preview shows how the Yxy color 66.8225, 0.3174, 0.2938 looks on a white background.

Color Contrast Check

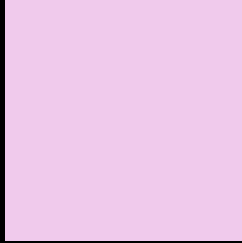
Large Text (above 18pt) WCAG AA × Fail

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 66.8225, 0.3174, 0.2938 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

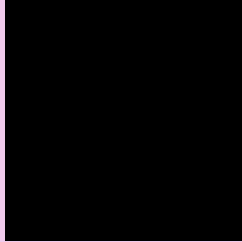
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.8225, 0.3174, 0.2938

Background



This preview shows how black text looks on a background with the Yxy color 66.8225, 0.3174, 0.2938.



This preview shows how white text looks on a background with the Yxy color 66.8225, 0.3174, 0.2938.

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

66.8225, 0.3174, 0.2938

Protanopia

67.0531, 0.2909, 0.2962

Deuteranopia

67.1175, 0.3067, 0.3001



Tritanopia

67.0602, 0.3265, 0.3121

Trichromacy



Original Color

66.8225, 0.3174, 0.2938

Protanomaly

66.6187, 0.2998, 0.2946

Deuteranomaly

66.9638, 0.3104, 0.2983

Tritanomaly

67.0274, 0.3237, 0.3059

Monochromacy



Original Color

66.8225, 0.3174, 0.2938

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

68.4763, 0.3141, 0.3160

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.8225, 0.3174, 0.2938 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(240, 202, 236)` looks like.

```
.text, #text, p{  
    color:rgb(240, 202, 236)  
}
```

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(240, 202, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 202, 236) }
```

Border

The CSS property to change the border of an element to Yxy 66.8225, 0.3174, 0.2938 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(240, 202, 236) }
```

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

```
.border{ border-color:rgb(240, 202, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 202, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 202, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 202, 236);  
box-shadow:4px 4px 4px 4px rgb(240, 202,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 66.8225, 0.3174, 0.2938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 202, 236) }
```

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

```
.background{ background-color: rgb(240,  
202, 236) }
```

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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