

Converting Colors

Yxy(66.1672, 0.3101, 0.3075)

Have a look what the booklet for
Yxy(66.1672, 0.3101, 0.3075)
contains.

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Color

Yxy(66.3458, 0.3107, 0.3084)

Conversions

Conversions Part 1

Format	Color
Hex	DFD0E3
RGB	223, 208, 227
RGB Percent	87%, 82%, 89%
CMY	0.1257, 0.1842, 0.1099
CMYK	0.02, 0.08, 0.00, 0.11
HSL	287°, 25%, 85%
HSV	287°, 8%, 89%
XYZ	66.8406, 66.3458, 81.9427
YIQ	214.6510, 2.8410, 9.0890

Conversions

Conversions Part 2

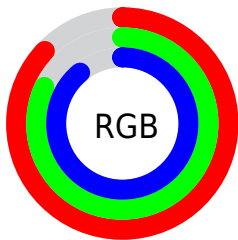
Format	Color
RYB	223, 208, 227
Decimal	14668003
CIELab	85.17, 8.55, -7.48
CIELCh	85, 11.361, 318.792
Yxy	66.3458, 0.3107, 0.3084
Android (android.graphics.Color)	4292858083 (0xFFDFD0E3)
YUV	214.6510, 6.0881, 7.3221
Hunter-Lab	81.4529, 3.9352, -2.6294

Details

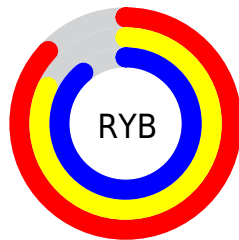
The Yxy color **66.3458, 0.3107, 0.3084** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.4876, 0.3145, 0.3501**, and the grayscale version is **67.6614, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.4146, 0.3100, 0.3035** is the 20% darker color. If you saturate the color by 10%, you get **55.3056, 0.3078, 0.2826**, and if you desaturate by 10%, it is **78.9974, 0.3131, 0.3329**.

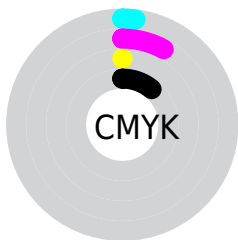
Distribution



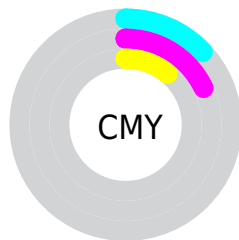
- Red (87%)
- Green (82%)
- Blue (89%)



- Red (87%)
- Yellow (82%)
- Blue (89%)



- Cyan (2%)
- Magenta (8%)
- Yellow (0%)
- Black (11%)




- Cyan (13%)
- Magenta (18%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.3458, 0.3107, 0.3084 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 66.3458, 0.3107, 0.3084 by changing the saturation by 10% instead.


 66.3458, 0.3107,
0.3084

 66.3458, 0.3107,
0.3084


447.6126, 0.3117,
0.3180

 48.5532, 0.3104,
0.3062


113.9825, 0.3111,
0.3117

 34.2652, 0.3101,
0.3035


144.5954, 0.3112,
0.3130

 23.0974, 0.3097,
0.3001


180.2504, 0.3113,
0.3141

 14.6654, 0.3091,
0.2956

221.3321, 0.3114,
0.3151

 8.5849, 0.3083,
0.2894

268.2247, 0.3115,
0.3159

 4.4714, 0.3070,
0.2805

321.3128, 0.3116,

 1.9406, 0.3047,

0.3167

0.2664

380.9806, 0.3117,
0.3174

0.5726, 0.3031,
0.2305

0.0000, 0.0000,
0.0000

66.3458, 0.3107,
0.3084

66.3458, 0.3107,
0.3084

55.3056, 0.3078,
0.2826

78.9974, 0.3131,
0.3329

45.8012, 0.3043,
0.2561

93.3149, 0.3150,
0.3559

37.7635, 0.3002,
0.2296

95.1402, 0.3179,
0.3572

31.1147, 0.2956,
0.2041

95.9824, 0.3210,
0.3569

■ 25.7700, 0.2904,
0.1806

■ 96.8471, 0.3240,
0.3566

■ 21.6350, 0.2849,
0.1604

■ 97.7344, 0.3271,
0.3564

■ 18.6025, 0.2792,
0.1442

■ 98.3251, 0.3292,
0.3562

■ 16.5461, 0.2735,
0.1327

■ 15.2824, 0.2679,
0.1255

Harmonies

Analogous

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



66.3458, 0.2974, 0.3051



66.3458, 0.3107, 0.3084



66.3458, 0.3249, 0.3169

Triad

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



66.3458, 0.3107, 0.3084



66.3458, 0.3376, 0.3499



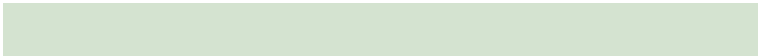
66.3458, 0.2900, 0.3289

Complementary

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



66.3458, 0.3107, 0.3084



73.4876, 0.3145, 0.3501

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.



66.3458, 0.3004, 0.3416



66.3458, 0.3107, 0.3084



66.3458, 0.3279, 0.3538

Square

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



66.3458, 0.3107, 0.3084



66.3458, 0.3406, 0.3405



66.3458, 0.3142, 0.3508



66.3458, 0.2856, 0.3165

Rectangle

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



66.3458, 0.3107, 0.3084



66.3458, 0.3328, 0.3244



66.3458, 0.3142, 0.3508



66.3458, 0.2929, 0.3333

Sweetspot

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



66.3487, 0.3107, 0.3084



94.9092, 0.3120, 0.3217



66.1099, 0.2998, 0.3124



20.0303, 0.3118, 0.3197



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.



66.3487, 0.3107, 0.3084



83.7838, 0.3102, 0.3041



66.7033, 0.3174, 0.3143



14.4528, 0.3104, 0.3056



8.8639, 0.2678, 0.1249



0.6937, 0.2760, 0.1294

Inverse Universe

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



66.2059, 0.3242, 0.3246



83.5688, 0.3269, 0.3237



73.1658, 0.3083, 0.3442



14.4178, 0.3259, 0.3240



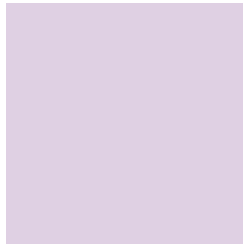
9.6634, 0.6036, 0.3099



0.7276, 0.5634, 0.2877

Previews

White Background



This preview shows how the Yxy color 66.3458, 0.3107, 0.3084 looks on a white background.

Color Contrast Check

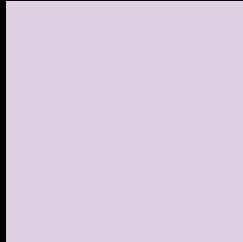
Large Text (above 18pt) WCAG AA × Fail

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 66.3458, 0.3107, 0.3084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

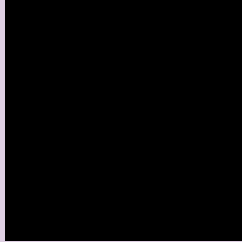
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

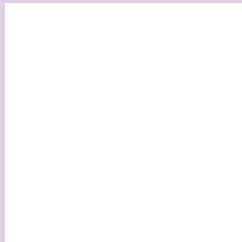
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.3458, 0.3107, 0.3084

Background



This preview shows how black text looks on a background with the Yxy color 66.3458, 0.3107, 0.3084.



This preview shows how white text looks on a background with the Yxy color 66.3458, 0.3107, 0.3084.

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

66.3458, 0.3107, 0.3084

Protanopia

66.2427, 0.3013, 0.3091

Deuteranopia

66.5026, 0.3137, 0.3075



Tritanopia

66.2360, 0.3121, 0.3105

Trichromacy



Original Color

66.3458, 0.3107, 0.3084

Protanomaly

66.2936, 0.3049, 0.3092

Deuteranomaly

66.3404, 0.3130, 0.3074

Tritanomaly

66.2907, 0.3114, 0.3094

Monochromacy



Original Color

66.3458, 0.3107, 0.3084

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.1069, 0.3123, 0.3213

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.3458, 0.3107, 0.3084 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, 208, 227)` looks like.

```
.text, #text, p{  
    color:rgb(223, 208, 227)  
}
```

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, 208, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 208, 227) }
```

Border

The CSS property to change the border of an element to Yxy 66.3458, 0.3107, 0.3084 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, 208, 227) }
```

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

```
.border{ border-color:rgb(223, 208, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 208, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 208, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 208, 227);  
box-shadow:4px 4px 4px 4px rgb(223, 208,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 66.3458, 0.3107, 0.3084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 208, 227) }
```

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

```
.background{ background-color: rgb(223,  
208, 227) }
```

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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