

Converting Colors

Yxy(66.5051, 0.3115, 0.3084)

Have a look what the booklet for
Yxy(66.5051, 0.3115, 0.3084)
contains.

Yxy(66.5051, 0.3115, 0.3084)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(66.5051, 0.3115, 0.3084)

Conversions

Conversions Part 1

Format	Color
Hex	E0D0E3
RGB	224, 208, 227
RGB Percent	88%, 82%, 89%
CMY	0.1213, 0.1844, 0.1098
CMYK	0.01, 0.08, 0.00, 0.11
HSL	291°, 25%, 85%
HSV	291°, 8%, 89%
XYZ	67.1736, 66.5051, 81.9669
YIQ	214.9500, 3.4370, 9.3010

Conversions

Conversions Part 2

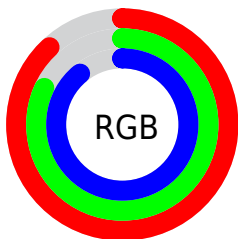
Format	Color
RYB	224, 208, 227
Decimal	14733539
CIELab	85.25, 8.94, -7.36
CIElCh	85, 11.578, 320.511
Yxy	66.5051, 0.3115, 0.3084
Android (android.graphics.Color)	4292923619 (0xFFE0D0E3)
YUV	214.9500, 5.9407, 7.9369
Hunter-Lab	81.5507, 4.3175, -2.5072

Details

The Yxy color **66.5051, 0.3115, 0.3084** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.3290, 0.3138, 0.3502**, and the grayscale version is **67.8826, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.5248, 0.3110, 0.3036** is the 20% darker color. If you saturate the color by 10%, you get **55.6650, 0.3097, 0.2828**, and if you desaturate by 10%, it is **78.9466, 0.3129, 0.3329**.

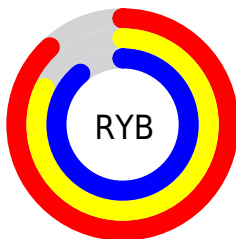
Distribution



Red (88%)

Green (82%)

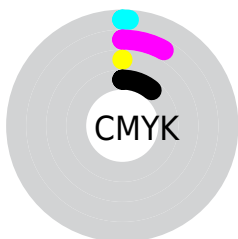
Blue (89%)



Red (88%)

Yellow (82%)

Blue (89%)

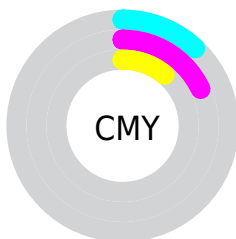


Cyan (1%)

Magenta (8%)

Yellow (0%)

Black (11%)



Cyan (12%)

Magenta (18%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.5051, 0.3115, 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 66.5051, 0.3115, 0.3084 by changing the saturation by 10% instead.

66.5051, 0.3115,
0.3084

66.5051, 0.3115,
0.3084

448.1811, 0.3121,
0.3180

48.6825, 0.3113,
0.3062

114.2110, 0.3117,
0.3117

34.3677, 0.3111,
0.3035

144.8631, 0.3118,
0.3130

23.1762, 0.3108,
0.3001

180.5605, 0.3119,
0.3141

14.7237, 0.3104,
0.2956

221.6877, 0.3120,
0.3151

8.6257, 0.3099,
0.2894

268.6289, 0.3120,
0.3159

4.4979, 0.3089,
0.2806

321.7686, 0.3121,

1.9558, 0.3072,

0.3167

0.2666

381.4912, 0.3121,
0.3174

■ 0.5816, 0.3068,
0.2315

■ 0.0000, 0.0000,
0.0000

■ 66.5051, 0.3115,
0.3084

■ 66.5051, 0.3115,
0.3084

■ 55.6650, 0.3097,
0.2828

■ 78.9466, 0.3129,
0.3329

■ 46.3506, 0.3075,
0.2567

■ 93.0439, 0.3140,
0.3559

■ 38.4930, 0.3048,
0.2309

■ 94.6592, 0.3161,
0.3573

■ 32.0147, 0.3017,
0.2062

■ 95.2618, 0.3183,
0.3571

■ 26.8307, 0.2982,
0.1839

■ 95.8762, 0.3206,
0.3569

■ 22.8468, 0.2944,
0.1649

■ 96.5026, 0.3228,
0.3567

■ 19.9558, 0.2904,
0.1499

■ 97.1409, 0.3251,
0.3565

■ 18.0314, 0.2863,
0.1395

■ 97.7913, 0.3273,
0.3563

■ 16.8898, 0.2822,
0.1333

■ 98.3259, 0.3292,
0.3562

Harmonies

Analogous

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



66.5051, 0.2978, 0.3047



66.5051, 0.3115, 0.3084



66.5051, 0.3258, 0.3173

Triad

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



66.5051, 0.3115, 0.3084



66.5051, 0.3377, 0.3507



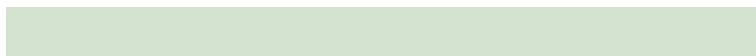
66.5051, 0.2892, 0.3281

Complementary

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



66.5051, 0.3115, 0.3084



73.3290, 0.3138, 0.3502

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.



66.5051, 0.2995, 0.3411



66.5051, 0.3115, 0.3084



66.5051, 0.3274, 0.3543

Square

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



66.5051, 0.3115, 0.3084



66.5051, 0.3412, 0.3414



66.5051, 0.3134, 0.3509



66.5051, 0.2851, 0.3157

Rectangle

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



66.5051, 0.3115, 0.3084



66.5051, 0.3337, 0.3250



66.5051, 0.3134, 0.3509



66.5051, 0.2920, 0.3326

Sweetspot

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



66.5080, 0.3115, 0.3084



94.9919, 0.3123, 0.3217



65.6202, 0.2998, 0.3112



20.0527, 0.3122, 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.



66.5080, 0.3115, 0.3084



84.0549, 0.3112, 0.3041



66.6388, 0.3181, 0.3153



14.4963, 0.3113, 0.3057



9.8018, 0.2822, 0.1328



0.7549, 0.2882, 0.1361

Inverse Universe

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



66.1360, 0.3250, 0.3258



83.4845, 0.3278, 0.3251



73.2168, 0.3077, 0.3431



14.4042, 0.3268, 0.3254



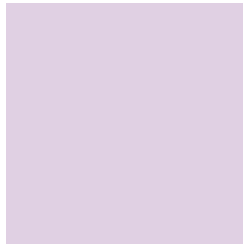
9.6063, 0.6179, 0.3178



0.7211, 0.5817, 0.2978

Previews

White Background



This preview shows how the Yxy color 66.5051, 0.3115, 0.3084 looks on a white background.

Color Contrast Check

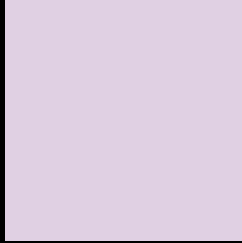
Large Text (above 18pt) WCAG AA × Fail

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 66.5051, 0.3115, 0.3084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

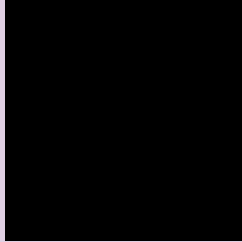
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

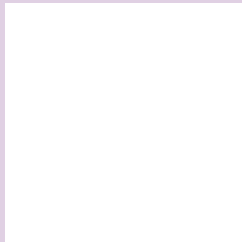
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.5051, 0.3115, 0.3084

Background



This preview shows how black text looks on a background with the Yxy color 66.5051, 0.3115, 0.3084.



This preview shows how white text looks on a background with the Yxy color 66.5051, 0.3115, 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

66.5051, 0.3115, 0.3084

Protanopia

66.7412, 0.3013, 0.3102

Deuteranopia

66.5026, 0.3137, 0.3075



Tritanopia

66.3953, 0.3128, 0.3105

Trichromacy



Original Color

66.5051, 0.3115, 0.3084

Protanomaly

66.7889, 0.3049, 0.3103

Deuteranomaly

66.3404, 0.3130, 0.3074

Tritanomaly

66.4500, 0.3121, 0.3095

Monochromacy



Original Color

66.5051, 0.3115, 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 66.5051, 0.3115, 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(224, 208, 227)` looks like.

```
.text, #text, p{  
    color:rgb(224, 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(224, 208, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 208, 227) }
```

Border

The CSS property to change the border of an element to Yxy 66.5051, 0.3115, 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(224, 208, 227) }
```

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

```
.border{ border-color:rgb(224, 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(224, 208, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 208, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 208, 227);  
box-shadow:4px 4px 4px 4px rgb(224, 208,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 66.5051, 0.3115, 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(224, 208, 227) }
```

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

```
.background{ background-color: rgb(224,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor