

Converting Colors

Yxy(61.7923, 0.3087, 0.3089)

Have a look what the booklet for
Yxy(61.7923, 0.3087, 0.3089)
contains.

Yxy(61.7045, 0.3091, 0.3088)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(61.7045, 0.3091, 0.3088)

Conversions

Conversions Part 1

Format	Color
Hex	D6CADC
RGB	214, 202, 220
RGB Percent	84%, 79%, 86%
CMY	0.1608, 0.2078, 0.1373
CMYK	0.03, 0.08, 0.00, 0.14
HSL	280°, 20%, 83%
HSV	280°, 8%, 86%
XYZ	61.7644, 61.7045, 76.3513
YIQ	207.6400, 1.3740, 8.1420

Conversions

Conversions Part 2

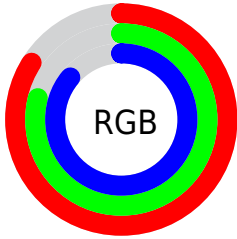
Format	Color
R_{YB}	214, 202, 220
Decimal	14076636
CIE _{Lab}	82.76, 7.41, -7.42
CIE _{LCh}	83, 10.483, 314.978
Yxy	61.7045, 0.3091, 0.3088
Android (android.graphics.Color)	4292266716 (0xFFD6CADC)
YUV	207.6400, 6.0935, 5.5777
Hunter-Lab	78.5522, 2.8855, -2.6423

Details

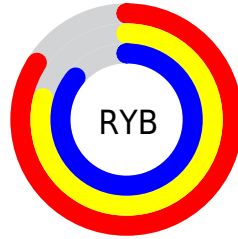
The Yxy color **61.7045, 0.3091, 0.3088** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.8531, 0.3161, 0.3495**, and the grayscale version is **62.7902, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.2673, 0.3078, 0.3038** is the 20% darker color. If you saturate the color by 10%, you get **51.0286, 0.3039, 0.2826**, and if you desaturate by 10%, it is **73.9070, 0.3135, 0.3334**.

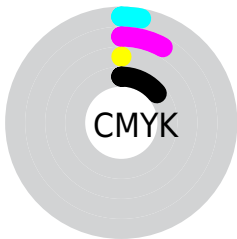
Distribution



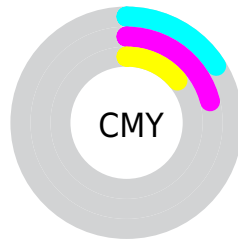
- Red (84%)
- Green (79%)
- Blue (86%)



- Red (84%)
- Yellow (79%)
- Blue (86%)



- Cyan (3%)
- Magenta (8%)
- Yellow (0%)
- Black (14%)



- Cyan (16%)
- Magenta (21%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.7045, 0.3091, 0.3088 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 61.7045, 0.3091, 0.3088 by changing the saturation by 10% instead.

61.7045, 0.3091,
0.3088

61.7045, 0.3091,
0.3088

430.8524, 0.3109,
0.3183

44.7940, 0.3087,
0.3066

107.2983, 0.3097,
0.3121

31.2952, 0.3081,
0.3038

136.7504, 0.3100,
0.3134

20.8237, 0.3074,
0.3003

171.1518, 0.3102,
0.3145

12.9952, 0.3064,
0.2957

210.8870, 0.3104,
0.3155

7.4252, 0.3050,
0.2892

256.3402, 0.3105,
0.3163

3.7294, 0.3028,
0.2797

307.8959, 0.3107,

1.5234, 0.2989,

0.3171

0.2642

365.9385, 0.3108,
0.3177

0.3051, 0.2895,
0.1876

0.0000, 0.0000,
0.0000

61.7045, 0.3091,
0.3088

61.7045, 0.3091,
0.3088

51.0286, 0.3039,
0.2826

73.9070, 0.3135,
0.3334

41.8087, 0.2978,
0.2553

87.6871, 0.3171,
0.3561

33.9805, 0.2908,
0.2275

94.5213, 0.3211,
0.3645

27.4717, 0.2830,
0.2001

95.8042, 0.3258,
0.3640

■ 22.2033, 0.2745,
0.1744

■ 97.1394, 0.3306,
0.3634

■ 18.0876, 0.2655,
0.1516

■ 97.9463, 0.3334,
0.3631

■ 15.0251, 0.2564,
0.1329

■ 12.8989, 0.2474,
0.1189

■ 11.5403, 0.2389,
0.1096

Harmonies

Analogous

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



61.7045, 0.2968, 0.3064



61.7045, 0.3091, 0.3088



61.7045, 0.3226, 0.3163

Triad

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



61.7045, 0.3091, 0.3088



61.7045, 0.3370, 0.3479



61.7045, 0.2922, 0.3305

Complementary

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



61.7045, 0.3091, 0.3088



68.8531, 0.3161, 0.3495

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.



61.7045, 0.3026, 0.3423



61.7045, 0.3091, 0.3088



61.7045, 0.3285, 0.3523

Square

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



61.7045, 0.3091, 0.3088



61.7045, 0.3389, 0.3385



61.7045, 0.3159, 0.3503



61.7045, 0.2873, 0.3186

Rectangle

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



61.7045, 0.3091, 0.3088



61.7045, 0.3304, 0.3232



61.7045, 0.3159, 0.3503



61.7045, 0.2952, 0.3346

Sweetspot

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



61.7071, 0.3091, 0.3088



96.4676, 0.3119, 0.3241



62.9838, 0.3001, 0.3156



20.6851, 0.3119, 0.3244



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.



61.7071, 0.3091, 0.3088



83.2170, 0.3082, 0.3039



62.4845, 0.3156, 0.3120



13.0458, 0.3085, 0.3056



6.7129, 0.2386, 0.1088



0.4813, 0.2523, 0.1163

Inverse Universe

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



62.0145, 0.3223, 0.3223



83.7495, 0.3248, 0.3207



68.1288, 0.3100, 0.3466



13.1229, 0.3240, 0.3212



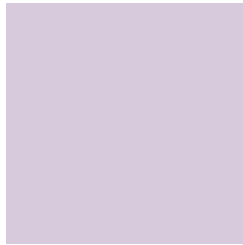
9.2342, 0.5627, 0.2874



0.6139, 0.5167, 0.2620

Previews

White Background



This preview shows how the Yxy color 61.7045, 0.3091, 0.3088 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 61.7045, 0.3091, 0.3088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

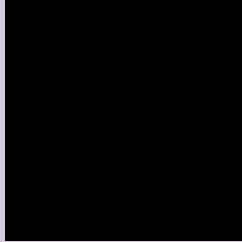
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

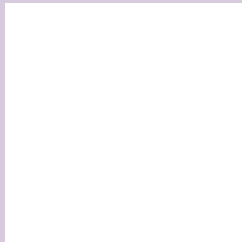
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.7045, 0.3091, 0.3088

Background



This preview shows how black text looks on a background with the Yxy color 61.7045, 0.3091, 0.3088.



This preview shows how white text looks on a background with the Yxy color 61.7045, 0.3091, 0.3088.

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

61.7045, 0.3091, 0.3088

Protanopia

61.9157, 0.3010, 0.3096

Deuteranopia

61.5359, 0.3130, 0.3068



Tritanopia

61.5992, 0.3105, 0.3110

Trichromacy



Original Color

61.7045, 0.3091, 0.3088

Protanomaly

61.8161, 0.3039, 0.3097

Deuteranomaly

61.6923, 0.3114, 0.3078

Tritanomaly

61.6517, 0.3098, 0.3099

Monochromacy



Original Color

61.7045, 0.3091, 0.3088

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.5977, 0.3115, 0.3222

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.7045, 0.3091, 0.3088 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(214, 202, 220)` looks like.

```
.text, #text, p{  
    color:rgb(214, 202, 220)  
}
```

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(214, 202, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 202, 220) }
```

Border

The CSS property to change the border of an element to Yxy 61.7045, 0.3091, 0.3088 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(214, 202, 220) }
```

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

```
.border{ border-color:rgb(214, 202, 220) }
```

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

Here you see how a box with a 4 pixel rgb(214, 202, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 202, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 202, 220);  
box-shadow:4px 4px 4px 4px rgb(214, 202,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 61.7045, 0.3091, 0.3088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 202, 220) }
```

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

```
.background{ background-color: rgb(214,  
202, 220) }
```

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