

Converting Colors

$Y_{xy}(60.8527, 0.3039, 0.3070)$

Have a look what the booklet for
Yxy(60.8527, 0.3039, 0.3070)
contains.

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Color

Yxy(60.8714, 0.3039, 0.3074)

Conversions

Conversions Part 1

Format	Color
Hex	D0CADD
RGB	208, 202, 221
RGB Percent	82%, 79%, 87%
CMY	0.1844, 0.2078, 0.1334
CMYK	0.06, 0.09, 0.00, 0.13
HSL	259°, 22%, 83%
HSV	259°, 9%, 87%
XYZ	60.1783, 60.8714, 76.9704
YIQ	205.9600, -2.5230, 7.1810

Conversions

Conversions Part 2

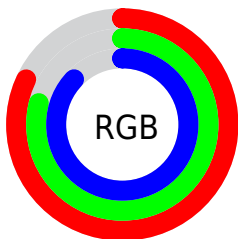
Format	Color
R _Y B	208, 202, 221
Decimal	13683421
CIE Lab	82.31, 5.59, -8.66
CIE LCh	82, 10.313, 302.851
Yxy	60.8714, 0.3039, 0.3074
Android (android.graphics.Color)	4291873501 (0xFFD0CADD)
YUV	205.9600, 7.4147, 1.7891
Hunter-Lab	78.0201, 1.1450, -3.8782

Details

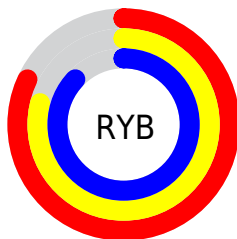
The Yxy color `60.8714, 0.3039, 0.3074` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `70.4166, 0.3210, 0.3503`, and the grayscale version is `61.6470, 0.3127, 0.3290`.

A 20% lighter version of the original color is `100.0000, 0.3127, 0.3290`, and `30.8030, 0.3020, 0.3020` is the 20% darker color. If you saturate the color by 10%, you get `49.1442, 0.2921, 0.2798`, and if you desaturate by 10%, it is `74.2982, 0.3141, 0.3324`.

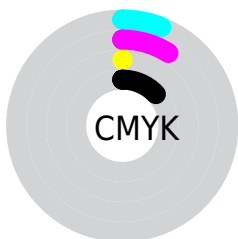
Distribution



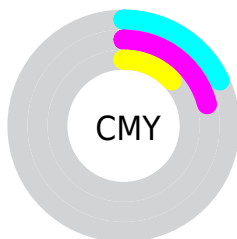
- Red (82%)
- Green (79%)
- Blue (87%)



- Red (82%)
- Yellow (79%)
- Blue (87%)



- Cyan (6%)
- Magenta (9%)
- Yellow (0%)
- Black (13%)



- Cyan (18%)
- Magenta (21%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.8714, 0.3039, 0.3074 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 60.8714, 0.3039, 0.3074 by changing the saturation by 10% instead.

■ 60.8714, 0.3039,
0.3074

■ 60.8714, 0.3039,
0.3074

427.8023, 0.3082,
0.3176

■ 44.1214, 0.3029,
0.3050

106.0927, 0.3054,
0.3110

■ 30.7660, 0.3016,
0.3021

135.3328, 0.3060,
0.3124

■ 20.4207, 0.2999,
0.2982

169.5050, 0.3065,
0.3135

■ 12.7012, 0.2977,
0.2932

208.9938, 0.3069,
0.3146

■ 7.2231, 0.2945,
0.2862

254.1836, 0.3073,
0.3155

■ 3.6020, 0.2897,
0.2758

305.4586, 0.3076,

■ 1.4535, 0.2813,

0.3163

0.2587

363.2034, 0.3079,
0.3170

■ 0.2557, 0.2498,
0.1683

■ 0.0000, 0.0000,
0.0000

■ 60.8714, 0.3039,
0.3074

■ 60.8714, 0.3039,
0.3074

■ 49.1442, 0.2921,
0.2798

■ 74.2982, 0.3141,
0.3324

■ 39.0402, 0.2787,
0.2499

■ 89.4815, 0.3227,
0.3547

■ 30.4886, 0.2637,
0.2183

■ 97.6989, 0.3317,
0.3622

■ 23.4103, 0.2474,
0.1861

■ 97.9995, 0.3328,
0.3621

■ 17.7191, 0.2304,
0.1547

■ 13.3193, 0.2135,
0.1261

■ 10.1031, 0.1976,
0.1021

■ 7.9437, 0.1837,
0.0843

■ 6.6541, 0.1724,
0.0729

Harmonies

Analogous

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



60.8714, 0.2932, 0.3074



60.8714, 0.3039, 0.3074



60.8714, 0.3172, 0.3129

Triad

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



60.8714, 0.3039, 0.3074



60.8714, 0.3383, 0.3444



60.8714, 0.2961, 0.3354

Complementary

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



60.8714, 0.3039, 0.3074



70.4166, 0.3210, 0.3503

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.



60.8714, 0.3079, 0.3459



60.8714, 0.3039, 0.3074



60.8714, 0.3324, 0.3510

Square

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



60.8714, 0.3039, 0.3074



60.8714, 0.3373, 0.3339



60.8714, 0.3212, 0.3517



60.8714, 0.2888, 0.3232

Rectangle

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



60.8714, 0.3039, 0.3074



60.8714, 0.3257, 0.3190



60.8714, 0.3212, 0.3517



60.8714, 0.2997, 0.3393

Sweetspot

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



60.8740, 0.3039, 0.3074



94.2352, 0.3097, 0.3216



66.5269, 0.2995, 0.3225



19.8484, 0.3089, 0.3196



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.



60.8740, 0.3039, 0.3074



81.6312, 0.3022, 0.3034



62.2469, 0.3108, 0.3079



12.8151, 0.3030, 0.3052



3.8333, 0.1725, 0.0724



0.2935, 0.1904, 0.0822

Inverse Universe

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



62.5230, 0.3180, 0.3146



84.2894, 0.3190, 0.3120



69.0621, 0.3144, 0.3507



13.2014, 0.3186, 0.3131



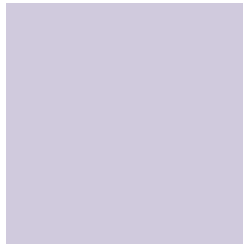
10.2573, 0.4197, 0.2086



0.6798, 0.3997, 0.1975

Previews

White Background



This preview shows how the Yxy color 60.8714, 0.3039, 0.3074 looks on a white background.

Color Contrast Check

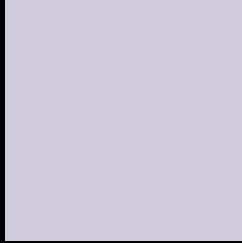
Large Text (above 18pt) WCAG AA × Fail

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 60.8714, 0.3039, 0.3074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

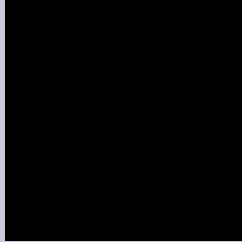
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

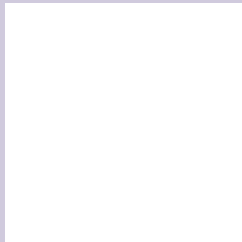
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.8714, 0.3039, 0.3074

Background



This preview shows how black text looks on a background with the Yxy color 60.8714, 0.3039, 0.3074.

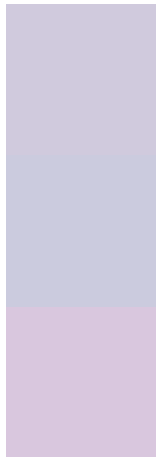


This preview shows how white text looks on a background with the Yxy color 60.8714, 0.3039, 0.3074.

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

60.8714, 0.3039, 0.3074

Protanopia

60.6823, 0.2995, 0.3072

Deuteranopia

60.8725, 0.3101, 0.3033



Tritanopia

60.7129, 0.3060, 0.3107

Trichromacy



Original Color

60.8714, 0.3039, 0.3074

Protanomaly

60.9649, 0.3010, 0.3073

Deuteranomaly

60.8786, 0.3078, 0.3043

Tritanomaly

60.7654, 0.3053, 0.3096

Monochromacy



Original Color

60.8714, 0.3039, 0.3074

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.6312, 0.3100, 0.3221

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.8714, 0.3039, 0.3074 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(208, 202, 221)` looks like.

```
.text, #text, p{  
    color:rgb(208, 202, 221)  
}
```

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(208, 202, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 202, 221) }
```

Border

The CSS property to change the border of an element to Yxy 60.8714, 0.3039, 0.3074 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(208, 202, 221) }
```

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

```
.border{ border-color:rgb(208, 202, 221) }
```

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

Here you see how a box with a 4 pixel rgb(208, 202, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 202, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 202, 221);  
box-shadow:4px 4px 4px 4px rgb(208, 202,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 60.8714, 0.3039, 0.3074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 202, 221) }
```

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

```
.background{ background-color: rgb(208,  
202, 221) }
```

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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