

Converting Colors

$Yxy(69.1625, 0.3013, 0.3058)$

Have a look what the booklet for
Yxy(69.1625, 0.3013, 0.3058)
contains.

Yxy(69.0547, 0.3010, 0.3052)	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(69.0547, 0.3010, 0.3052)

Conversions

Conversions Part 1

Format	Color
Hex	DAD6EC
RGB	218, 214, 236
RGB Percent	85%, 84%, 93%
CMY	0.1450, 0.1608, 0.0745
CMYK	0.08, 0.09, 0.00, 0.07
HSL	251°, 37%, 88%
HSV	251°, 9%, 93%
XYZ	68.1044, 69.0547, 89.1014
YIQ	217.7040, -4.6780, 7.6900

Conversions

Conversions Part 2

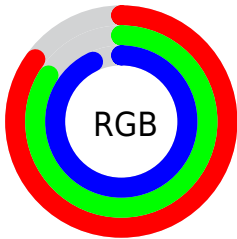
Format	Color
R _Y B	218, 214, 236
Decimal	14341868
CIE Lab	86.53, 5.48, -10.29
CIE LCh	87, 11.658, 298.013
Yxy	69.0547, 0.3010, 0.3052
Android (android.graphics.Color)	4292531948 (0xFFDAD6EC)
YUV	217.7040, 9.0199, 0.2596
Hunter-Lab	83.0992, 0.8672, -5.4031

Details

The Yxy color **69.0547, 0.3010, 0.3052** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **82.0049, 0.3238, 0.3521**, and the grayscale version is **69.8391, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.8781, 0.2982, 0.2994** is the 20% darker color. If you saturate the color by 10%, you get **55.1609, 0.2866, 0.2768**, and if you desaturate by 10%, it is **85.0313, 0.3135, 0.3306**.

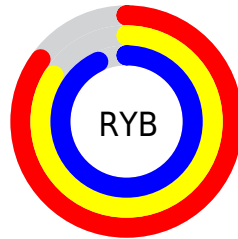
Distribution



Red (85%)

Green (84%)

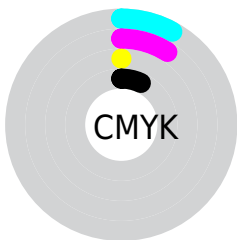
Blue (93%)



Red (85%)

Yellow (84%)

Blue (93%)

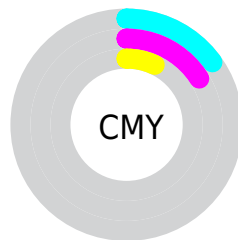


Cyan (8%)

Magenta (9%)

Yellow (0%)

Black (7%)



Cyan (15%)

Magenta (16%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.0547, 0.3010, 0.3052 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 69.0547, 0.3010, 0.3052 by changing the saturation by 10% instead.

■ 69.0547, 0.3010,
0.3052

■ 69.0547, 0.3010,
0.3052

457.2239, 0.3065,
0.3162

■ 50.7563, 0.2997,
0.3027

117.8597, 0.3029,
0.3090

■ 36.0147, 0.2981,
0.2996

149.1350, 0.3037,
0.3105

■ 24.4455, 0.2961,
0.2957

185.5048, 0.3043,
0.3118

■ 15.6644, 0.2934,
0.2906

227.3534, 0.3049,
0.3129

■ 9.2870, 0.2897,
0.2837

275.0652, 0.3054,
0.3139

■ 4.9289, 0.2842,
0.2738

329.0246, 0.3058,

■ 2.2056, 0.2754,

0.3147

0.2583

389.6161, 0.3062,
0.3155

0.7230, 0.2599,
0.2289

0.0000, 0.0000,
0.0000

69.0547, 0.3010,
0.3052

69.0547, 0.3010,
0.3052

55.1609, 0.2866,
0.2768

85.0313, 0.3135,
0.3306

43.2552, 0.2704,
0.2457

98.8366, 0.3238,
0.3473

33.2485, 0.2526,
0.2125

25.0417, 0.2336,
0.1785

■ 18.5264, 0.2143,
0.1455

■ 13.5824, 0.1959,
0.1157

■ 10.0734, 0.1797,
0.0915

■ 7.8391, 0.1669,
0.0744

■ 6.6350, 0.1580,
0.0646

Harmonies

Analogous

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



69.0547, 0.2902, 0.3061



69.0547, 0.3010, 0.3052



69.0547, 0.3152, 0.3103

Triad

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



69.0547, 0.3010, 0.3052



69.0547, 0.3409, 0.3440



69.0547, 0.2965, 0.3380

Complementary

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



69.0547, 0.3010, 0.3052



82.0049, 0.3238, 0.3521

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.



69.0547, 0.3098, 0.3488



69.0547, 0.3010, 0.3052



69.0547, 0.3355, 0.3521

Square

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



69.0547, 0.3010, 0.3052



69.0547, 0.3384, 0.3323



69.0547, 0.3241, 0.3540



69.0547, 0.2876, 0.3248

Rectangle

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



69.0547, 0.3010, 0.3052



69.0547, 0.3247, 0.3164



69.0547, 0.3241, 0.3540



69.0547, 0.3006, 0.3421

Sweetspot

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



69.0576, 0.3010, 0.3052



94.0489, 0.3091, 0.3216



78.2576, 0.2983, 0.3250



19.7983, 0.3081, 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.



69.0576, 0.3010, 0.3052



79.2983, 0.2987, 0.3005



70.7537, 0.3085, 0.3058



14.6811, 0.3008, 0.3048



3.6623, 0.1585, 0.0647



0.3252, 0.1706, 0.0713

Inverse Universe

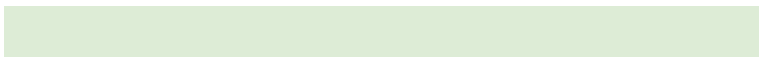
The Inverse Universe completely reimagines the original color for something new.



71.7530, 0.3165, 0.3102



83.0654, 0.3173, 0.3067



80.2755, 0.3165, 0.3526



15.2639, 0.3166, 0.3100



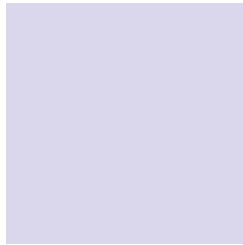
11.9681, 0.3732, 0.1829



0.9520, 0.3646, 0.1782

Previews

White Background



This preview shows how the Yxy color 69.0547, 0.3010, 0.3052 looks on a white background.

Color Contrast Check

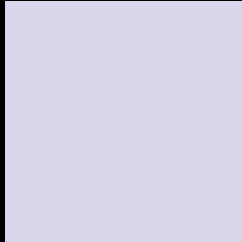
Large Text (above 18pt) WCAG AA × Fail

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 69.0547, 0.3010, 0.3052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

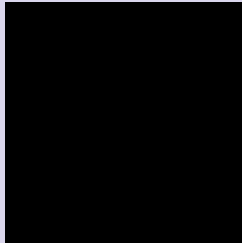
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.0547, 0.3010, 0.3052

Background



This preview shows how black text looks on a background with the Yxy color 69.0547, 0.3010, 0.3052.

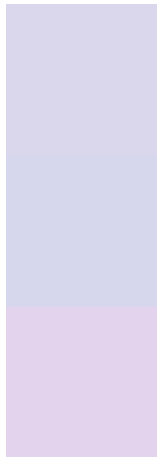


This preview shows how white text looks on a background with the Yxy color 69.0547, 0.3010, 0.3052.

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

69.0547, 0.3010, 0.3052

Protanopia

69.0114, 0.2976, 0.3051

Deuteranopia

69.1969, 0.3075, 0.3015



Tritanopia

69.1788, 0.3029, 0.3105

Trichromacy



Original Color

69.0547, 0.3010, 0.3052

Protanomaly

69.1624, 0.2983, 0.3051

Deuteranomaly

69.0487, 0.3046, 0.3023

Tritanomaly

69.2358, 0.3022, 0.3094

Monochromacy



Original Color

69.0547, 0.3010, 0.3052

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

69.9674, 0.3081, 0.3203

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.0547, 0.3010, 0.3052 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(218, 214, 236)` looks like.

```
.text, #text, p{  
    color:rgb(218, 214, 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(218, 214, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 214, 236) }
```

Border

The CSS property to change the border of an element to Yxy 69.0547, 0.3010, 0.3052 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(218, 214, 236) }
```

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

```
.border{ border-color:rgb(218, 214, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 214, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 214, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 214, 236);  
box-shadow:4px 4px 4px 4px rgb(218, 214,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 69.0547, 0.3010, 0.3052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 214, 236) }
```

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

```
.background{ background-color: rgb(218,  
214, 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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