

Converting Colors

$Yxy(59.6420, 0.3027, 0.3049)$

Have a look what the booklet for
Yxy(59.6420, 0.3027, 0.3049)
contains.

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Color

Yxy(59.6508, 0.3024, 0.3049)

Conversions

Conversions Part 1

Format	Color
Hex	CEC8DD
RGB	206, 200, 221
RGB Percent	81%, 78%, 87%
CMY	0.1922, 0.2157, 0.1332
CMYK	0.07, 0.10, 0.00, 0.13
HSL	257°, 24%, 83%
HSV	257°, 10%, 87%
XYZ	59.1617, 59.6508, 76.8280
YIQ	204.1880, -3.1650, 7.8030

Conversions

Conversions Part 2

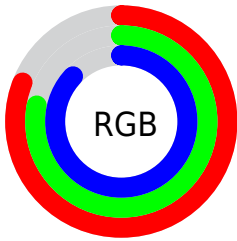
Format	Color
R _Y B	206, 200, 221
Decimal	13551837
CIE Lab	81.65, 6.01, -9.69
CIE LCh	82, 11.409, 301.815
Yxy	59.6508, 0.3024, 0.3049
Android (android.graphics.Color)	4291741917 (0xFFCEC8DD)
YUV	204.1880, 8.2883, 1.5891
Hunter-Lab	77.2339, 1.5728, -4.9147

Details

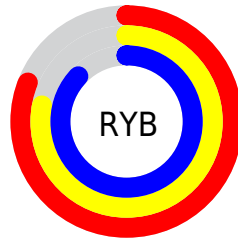
The Yxy color **59.6508, 0.3024, 0.3049** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.3572, 0.3224, 0.3526**, and the grayscale version is **60.4587, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **29.9863, 0.3000, 0.2987** is the 20% darker color. If you saturate the color by 10%, you get **47.9945, 0.2899, 0.2770**, and if you desaturate by 10%, it is **73.0198, 0.3132, 0.3302**.

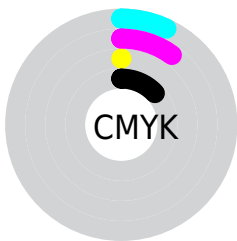
Distribution



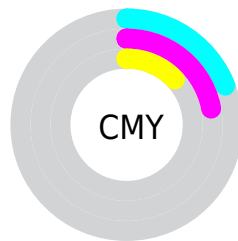
- Red (81%)
- Green (78%)
- Blue (87%)



- Red (81%)
- Yellow (78%)
- Blue (87%)



- Cyan (7%)
- Magenta (10%)
- Yellow (0%)
- Black (13%)



- Cyan (19%)
- Magenta (22%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.6508, 0.3024, 0.3049 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 59.6508, 0.3024, 0.3049 by changing the saturation by 10% instead.

■ 59.6508, 0.3024,
0.3049

■ 59.6508, 0.3024,
0.3049

423.3094, 0.3074,
0.3163

■ 43.1372, 0.3012,
0.3022

104.3229, 0.3042,
0.3089

■ 29.9928, 0.2997,
0.2989

133.2503, 0.3049,
0.3104

■ 19.8331, 0.2977,
0.2946

167.0844, 0.3054,
0.3118

■ 12.2738, 0.2951,
0.2890

206.2096, 0.3059,
0.3129

■ 6.9304, 0.2913,
0.2811

251.0103, 0.3064,
0.3139

■ 3.4186, 0.2855,
0.2693

301.8709, 0.3068,

■ 1.3540, 0.2755,

0.3148

0.2501

359.1758, 0.3071,
0.3156

■ 0.1824, 0.2322,
0.1323

■ 0.0000, 0.0000,
0.0000

■ 59.6508, 0.3024,
0.3049

■ 59.6508, 0.3024,
0.3049

■ 47.9945, 0.2899,
0.2770

■ 73.0198, 0.3132,
0.3302

■ 37.9733, 0.2757,
0.2467

■ 88.1597, 0.3224,
0.3527

■ 29.5151, 0.2600,
0.2146

■ 97.7030, 0.3317,
0.3622

■ 22.5391, 0.2430,
0.1820

■ 98.0025, 0.3327,
0.3621

■ 16.9572, 0.2254,
0.1504

■ 12.6718, 0.2081,
0.1218

■ 9.5721, 0.1922,
0.0980

■ 7.5279, 0.1785,
0.0808

■ 6.3269, 0.1679,
0.0700

Harmonies

Analogous

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



59.6508, 0.2907, 0.3050



59.6508, 0.3024, 0.3049



59.6508, 0.3171, 0.3108

Triad

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



59.6508, 0.3024, 0.3049



59.6508, 0.3414, 0.3457



59.6508, 0.2946, 0.3366

Complementary

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



59.6508, 0.3024, 0.3049



70.3572, 0.3224, 0.3526

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.



59.6508, 0.3078, 0.3482



59.6508, 0.3024, 0.3049



59.6508, 0.3350, 0.3533

Square

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



59.6508, 0.3024, 0.3049



59.6508, 0.3399, 0.3340



59.6508, 0.3226, 0.3544



59.6508, 0.2863, 0.3230

Rectangle

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



59.6508, 0.3024, 0.3049



59.6508, 0.3267, 0.3175



59.6508, 0.3226, 0.3544



59.6508, 0.2986, 0.3409

Sweetspot

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



59.6533, 0.3024, 0.3049



94.1930, 0.3096, 0.3216



66.1428, 0.2981, 0.3222



19.8370, 0.3087, 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.



59.6533, 0.3024, 0.3049



79.7831, 0.3006, 0.3007



61.2044, 0.3103, 0.3055



12.7959, 0.3025, 0.3051



3.6957, 0.1688, 0.0703



0.2826, 0.1862, 0.0799

Inverse Universe

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



61.5964, 0.3182, 0.3123



82.8867, 0.3191, 0.3094



68.8200, 0.3148, 0.3532



13.2083, 0.3181, 0.3124



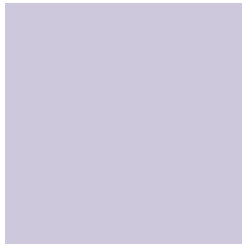
10.3851, 0.4085, 0.2024



0.6873, 0.3909, 0.1927

Previews

White Background



This preview shows how the Yxy color 59.6508, 0.3024, 0.3049 looks on a white background.

Color Contrast Check

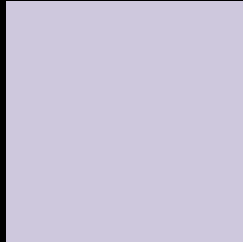
Large Text (above 18pt) WCAG AA × Fail

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 59.6508, 0.3024, 0.3049 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

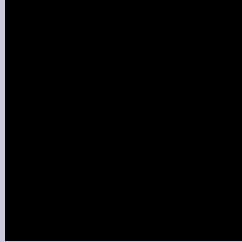
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

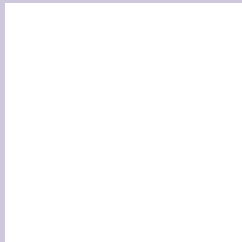
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.6508, 0.3024, 0.3049

Background



This preview shows how black text looks on a background with the Yxy color 59.6508, 0.3024, 0.3049.

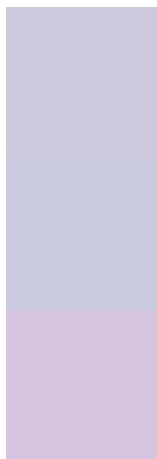


This preview shows how white text looks on a background with the Yxy color 59.6508, 0.3024, 0.3049.

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

59.6508, 0.3024, 0.3049

Protanopia

59.9325, 0.2980, 0.3059

Deuteranopia

59.5026, 0.3078, 0.3009



Tritanopia

59.7622, 0.3044, 0.3105

Trichromacy



Original Color

59.6508, 0.3024, 0.3049

Protanomaly

59.7437, 0.2995, 0.3048

Deuteranomaly

59.5110, 0.3055, 0.3018

Tritanomaly

59.8144, 0.3037, 0.3094

Monochromacy



Original Color

59.6508, 0.3024, 0.3049

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.3442, 0.3093, 0.3209

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.6508, 0.3024, 0.3049 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(206, 200, 221)` looks like.

```
.text, #text, p{  
    color:rgb(206, 200, 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(206, 200, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 200, 221) }
```

Border

The CSS property to change the border of an element to Yxy 59.6508, 0.3024, 0.3049 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(206, 200, 221) }
```

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

```
.border{ border-color:rgb(206, 200, 221) }
```

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

Here you see how a box with a 4 pixel rgb(206, 200, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 200, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 200, 221);  
box-shadow:4px 4px 4px 4px rgb(206, 200,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 59.6508, 0.3024, 0.3049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 200, 221) }
```

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

```
.background{ background-color: rgb(206,  
200, 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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