

Converting Colors

Yxy(44.6067, 0.3140, 0.3020)

Have a look what the booklet for
Yxy(44.6067, 0.3140, 0.3020)
contains.

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Color

Yxy(44.6928, 0.3140, 0.3026)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | C1ACC1 |
| RGB | 193, 172, 193 |
| RGB Percent | 76%, 67%, 76% |
| CMY | 0.2430, 0.3255, 0.2432 |
| CMYK | 0.00, 0.11, 0.00, 0.24 |
| HSL | 300°, 15%, 72% |
| HSV | 300°, 11%, 76% |
| XYZ | 46.3765, 44.6928, 56.6266 |
| YIQ | 180.6730, 5.7750, 10.9830 |

Conversions

Conversions Part 2

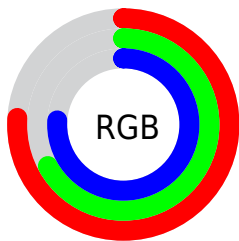
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 193, 172, 193 |
| Decimal | 12692673 |
| CIE Lab | 72.69, 11.35, -7.92 |
| CIE LCh | 73, 13.843, 325.082 |
| Yxy | 44.6928, 0.3140, 0.3026 |
| Android (android.graphics.Color) | 4290882753 (0xFFC1ACC1) |
| YUV | 180.6730, 6.0772, 10.8108 |
| Hunter-Lab | 66.8527, 6.8355, -3.4239 |

Details

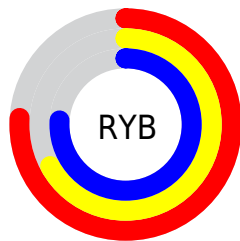
The Yxy color `44.6928, 0.3140, 0.3026` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `49.9075, 0.3114, 0.3569`, and the grayscale version is `45.9898, 0.3127, 0.3290`.

A 20% lighter version of the original color is `82.1017, 0.3144, 0.3073`, and `20.7860, 0.3142, 0.2966` is the 20% darker color. If you saturate the color by 10%, you get `37.8711, 0.3152, 0.2779`, and if you desaturate by 10%, it is `52.5857, 0.3128, 0.3269`.

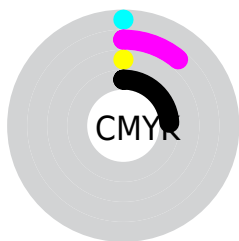
Distribution



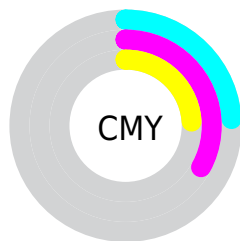
- Red (76%)
- Green (67%)
- Blue (76%)



- Red (76%)
- Yellow (67%)
- Blue (76%)



- Cyan (0%)
- Magenta (11%)
- Yellow (0%)
- Black (24%)





- Cyan (24%)
- Magenta (33%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.6928, 0.3140, 0.3026 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 44.6928, 0.3140, 0.3026 by changing the saturation by 10% instead.


 44.6928, 0.3140,
0.3026

 44.6928, 0.3140,
0.3026


365.5280, 0.3135,
0.3156

 31.2155, 0.3141,
0.2994


 82.2592, 0.3138,
0.3073

 20.7630, 0.3142,
0.2953


107.1172, 0.3138,
0.3091

 12.9509, 0.3143,
0.2899


136.5375, 0.3137,
0.3106

 7.3947, 0.3144,
0.2825

170.9045, 0.3136,
0.3119

 3.7102, 0.3144,
0.2715

210.6027, 0.3136,
0.3130

 1.5128, 0.3142,
0.2540

256.0164, 0.3135,


 0.2977, 0.3226,


0.3140


0.1715


307.5300, 0.3135,
0.3149


 0.0000, 0.0000,
0.0000


 44.6928, 0.3140,
0.3026


 44.6928, 0.3140,
0.3026


 37.8711, 0.3152,
0.2779


 52.5857, 0.3128,
0.3269


 32.0689, 0.3164,
0.2533


 61.5870, 0.3117,
0.3501

 27.2390, 0.3176,
0.2298

 71.7393, 0.3106,
0.3720

 23.3283, 0.3187,
0.2084

 83.0813, 0.3097,
0.3923

 20.2784, 0.3196,
0.1898

 86.7229, 0.3094,
0.3980

■ 18.0245, 0.3204,
0.1749

■ 86.7250, 0.3093,
0.3979

■ 16.4924, 0.3209,
0.1641

■ 86.7271, 0.3093,
0.3979

■ 15.5941, 0.3213,
0.1576

■ 86.7292, 0.3093,
0.3978

■ 15.1736, 0.3215,
0.1545

■ 86.7313, 0.3093,
0.3978

Harmonies

Analogous

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



44.6928, 0.2949, 0.2964



44.6928, 0.3140, 0.3026



44.6928, 0.3333, 0.3153

Triad

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



44.6928, 0.3140, 0.3026



44.6928, 0.3452, 0.3598



44.6928, 0.2793, 0.3248

Complementary

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



44.6928, 0.3140, 0.3026



49.9075, 0.3114, 0.3569

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.



44.6928, 0.2920, 0.3431



44.6928, 0.3140, 0.3026



44.6928, 0.3300, 0.3637

Square

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



44.6928, 0.3140, 0.3026



44.6928, 0.3516, 0.3479



44.6928, 0.3105, 0.3576



44.6928, 0.2753, 0.3084

Rectangle

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



44.6928, 0.3140, 0.3026



44.6928, 0.3435, 0.3260



44.6928, 0.3105, 0.3576



44.6928, 0.2827, 0.3309

Sweetspot

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



44.6947, 0.3140, 0.3026



90.9447, 0.3131, 0.3217



42.1243, 0.2958, 0.3010



19.2567, 0.3132, 0.3198



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



44.6947, 0.3140, 0.3026



77.0353, 0.3143, 0.2969



44.2438, 0.3228, 0.3156



10.2471, 0.3138, 0.3064



10.0878, 0.3215, 0.1545



0.4360, 0.3214, 0.1544

Inverse Universe

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



44.6947, 0.3140, 0.3026



77.0353, 0.3143, 0.2969



50.3260, 0.3037, 0.3428



10.2471, 0.3138, 0.3064



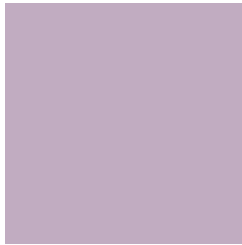
10.0878, 0.3215, 0.1545



0.4360, 0.3214, 0.1544

Previews

White Background



This preview shows how the Yxy color 44.6928, 0.3140, 0.3026 looks on a white background.

Color Contrast Check

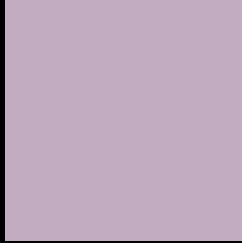
Large Text (above 18pt) WCAG AA × Fail

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 44.6928, 0.3140, 0.3026 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

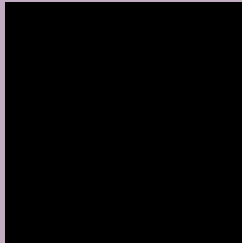
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.6928, 0.3140, 0.3026

Background



This preview shows how black text looks on a background with the Yxy color 44.6928, 0.3140, 0.3026.



This preview shows how white text looks on a background with the Yxy color 44.6928, 0.3140, 0.3026.

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

44.6928, 0.3140, 0.3026

Protanopia

44.6599, 0.2969, 0.3042

Deuteranopia

44.5562, 0.3104, 0.3036



Tritanopia

44.6815, 0.3180, 0.3112

Trichromacy



Original Color

44.6928, 0.3140, 0.3026

Protanomaly

44.5452, 0.3027, 0.3032

Deuteranomaly

44.6845, 0.3113, 0.3037

Tritanomaly

44.7677, 0.3163, 0.3087

Monochromacy



Original Color

44.6928, 0.3140, 0.3026

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.6579, 0.3131, 0.3200

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.6928, 0.3140, 0.3026 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(193, 172, 193)` looks like.

```
.text, #text, p{  
    color:rgb(193, 172, 193)  
}
```

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(193, 172, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 172, 193) }
```

Border

The CSS property to change the border of an element to Yxy 44.6928, 0.3140, 0.3026 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(193, 172, 193) }
```

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

```
.border{ border-color:rgb(193, 172, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 172, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 172, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 172, 193);  
box-shadow:4px 4px 4px 4px rgb(193, 172,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 44.6928, 0.3140, 0.3026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 172, 193) }
```

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

```
.background{ background-color: rgb(193,  
172, 193) }
```

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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