

Converting Colors

$Y_{xy}(45.7126, 0.2993, 0.3029)$

Have a look what the booklet for
Yxy(45.7126, 0.2993, 0.3029)
contains.

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Color

Yxy(45.7418, 0.2996, 0.3034)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | B5B2C6 |
| RGB | 181, 178, 198 |
| RGB Percent | 71%, 70%, 78% |
| CMY | 0.2901, 0.3019, 0.2237 |
| CMYK | 0.09, 0.10, 0.00, 0.22 |
| HSL | 249°, 15%, 74% |
| HSV | 249°, 10%, 78% |
| XYZ | 45.1689, 45.7418, 59.8533 |
| YIQ | 181.1770, -4.6320, 6.8560 |

Conversions

Conversions Part 2

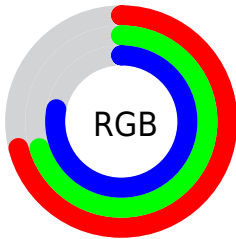
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 181, 178, 198 |
| Decimal | 11907782 |
| CIE Lab | 73.38, 4.94, -9.74 |
| CIE LCh | 73, 10.915, 296.887 |
| Yxy | 45.7418, 0.2996, 0.3034 |
| Android (android.graphics.Color) | 4290097862 (0xFFB5B2C6) |
| YUV | 181.1770, 8.2937, -0.1552 |
| Hunter-Lab | 67.6327, 0.8551, -5.1274 |

Details

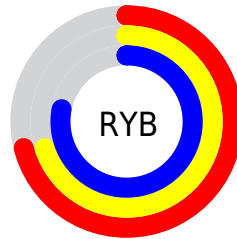
The Yxy color `45.7418, 0.2996, 0.3034` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `55.1831, 0.3251, 0.3537`, and the grayscale version is `46.2666, 0.3127, 0.3290`.

A 20% lighter version of the original color is `84.0702, 0.3019, 0.3080`, and `21.2700, 0.2958, 0.2958` is the 20% darker color. If you saturate the color by 10%, you get `36.5148, 0.2847, 0.2750`, and if you desaturate by 10%, it is `56.3547, 0.3126, 0.3288`.

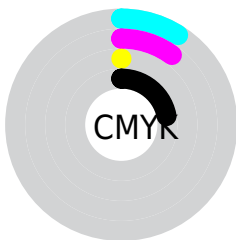
Distribution



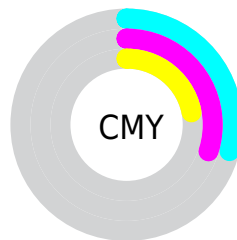
- Red (71%)
- Green (70%)
- Blue (78%)



- Red (71%)
- Yellow (70%)
- Blue (78%)



- Cyan (9%)
- Magenta (10%)
- Yellow (0%)
- Black (22%)



- Cyan (29%)
- Magenta (30%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.7418, 0.2996, 0.3034 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 45.7418, 0.2996, 0.3034 by changing the saturation by 10% instead.

■ 45.7418, 0.2996,
0.3034

■ 45.7418, 0.2996,
0.3034

369.7696, 0.3062,
0.3161

■ 32.0421, 0.2979,
0.3003

■ 83.8324, 0.3020,
0.3080

■ 21.3937, 0.2958,
0.2963

108.9922, 0.3029,
0.3097

■ 13.4121, 0.2929,
0.2910

138.7408, 0.3037,
0.3112

■ 7.7129, 0.2888,
0.2837

173.4625, 0.3043,
0.3124

■ 3.9118, 0.2827,
0.2730

213.5419, 0.3049,
0.3135

■ 1.6243, 0.2726,
0.2557

259.3633, 0.3054,

■ 0.3739, 0.2449,

0.3145

0.1925

311.3111, 0.3058,
0.3153

0.0000, 0.0000,
0.0000

45.7418, 0.2996,
0.3034

45.7418, 0.2996,
0.3034

36.5148, 0.2847,
0.2750

56.3547, 0.3126,
0.3288

28.6107, 0.2680,
0.2439

68.4015, 0.3239,
0.3512

21.9702, 0.2497,
0.2107

81.9350, 0.3335,
0.3708

16.5275, 0.2303,
0.1767

95.5982, 0.3421,
0.3859

12.2105, 0.2109,
0.1438

96.8557, 0.3466,
0.3850

■ 8.9393, 0.1925,
0.1141

■ 6.6234, 0.1766,
0.0900

■ 5.1567, 0.1642,
0.0731

■ 4.3498, 0.1559,
0.0633

Harmonies

Analogous

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



45.7418, 0.2882, 0.3046



45.7418, 0.2996, 0.3034



45.7418, 0.3147, 0.3086

Triad

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



45.7418, 0.2996, 0.3034



45.7418, 0.3430, 0.3446



45.7418, 0.2958, 0.3392

Complementary

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



45.7418, 0.2996, 0.3034



55.1831, 0.3251, 0.3537

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.



45.7418, 0.3101, 0.3507



45.7418, 0.2996, 0.3034



45.7418, 0.3376, 0.3535

Square

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



45.7418, 0.2996, 0.3034



45.7418, 0.3401, 0.3320



45.7418, 0.3255, 0.3559



45.7418, 0.2861, 0.3250

Rectangle

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



45.7418, 0.2996, 0.3034



45.7418, 0.3250, 0.3151



45.7418, 0.3255, 0.3559



45.7418, 0.3002, 0.3435

Sweetspot

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



45.7437, 0.2996, 0.3034



94.0046, 0.3090, 0.3216



52.5587, 0.2973, 0.3252



19.7864, 0.3079, 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.



45.7437, 0.2996, 0.3034



77.4076, 0.2966, 0.2977



46.9916, 0.3079, 0.3041



10.3630, 0.3006, 0.3053



2.8535, 0.1567, 0.0637



0.1603, 0.1735, 0.0730

Inverse Universe

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



47.7815, 0.3163, 0.3081



81.7127, 0.3171, 0.3037



53.9003, 0.3171, 0.3543



10.7880, 0.3160, 0.3096



9.6592, 0.3627, 0.1772



0.4650, 0.3527, 0.1716

Previews

White Background



This preview shows how the Yxy color 45.7418, 0.2996, 0.3034 looks on a white background.

Color Contrast Check

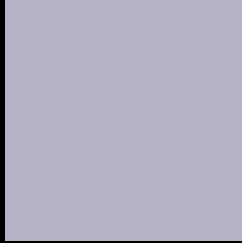
Large Text (above 18pt) WCAG AA × Fail

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 45.7418, 0.2996, 0.3034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

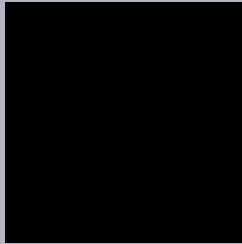
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

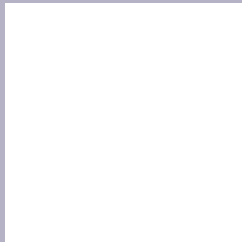
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.7418, 0.2996, 0.3034

Background



This preview shows how black text looks on a background with the Yxy color 45.7418, 0.2996, 0.3034.



This preview shows how white text looks on a background with the Yxy color 45.7418, 0.2996, 0.3034.

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

45.7418, 0.2996, 0.3034

Protanopia

45.8287, 0.2963, 0.3032

Deuteranopia

45.6023, 0.3055, 0.2988



Tritanopia

45.7938, 0.3026, 0.3109

Trichromacy



Original Color

45.7418, 0.2996, 0.3034

Protanomaly

45.9474, 0.2972, 0.3033

Deuteranomaly

45.6133, 0.3030, 0.2999

Tritanomaly

45.8836, 0.3010, 0.3084

Monochromacy



Original Color

45.7418, 0.2996, 0.3034

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

46.0541, 0.3080, 0.3199

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.7418, 0.2996, 0.3034 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(181, 178, 198)` looks like.

```
.text, #text, p{  
    color:rgb(181, 178, 198)  
}
```

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(181, 178, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 178, 198) }
```

Border

The CSS property to change the border of an element to Yxy 45.7418, 0.2996, 0.3034 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(181, 178, 198) }
```

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

```
.border{ border-color:rgb(181, 178, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 178, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 178, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 178, 198);  
box-shadow:4px 4px 4px 4px rgb(181, 178,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 45.7418, 0.2996, 0.3034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 178, 198) }
```

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

```
.background{ background-color: rgb(181,  
178, 198) }
```

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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