

Converting Colors

$Y_{xy}(25.5831, 0.3570, 0.2918)$

Have a look what the booklet for
Yxy(25.5831, 0.3570, 0.2918)
contains.

Yxy(25.4846, 0.3569, 0.2908)	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(25.4846, 0.3569, 0.2908)

Conversions

Conversions Part 1

Format	Color
Hex	B67893
RGB	182, 120, 147
RGB Percent	71%, 47%, 58%
CMY	0.2862, 0.5294, 0.4235
CMYK	0.00, 0.34, 0.19, 0.29
HSL	334°, 30%, 59%
HSV	334°, 34%, 71%
XYZ	31.2774, 25.4846, 30.8742
YIQ	141.6160, 28.2850, 21.5410

Conversions

Conversions Part 2

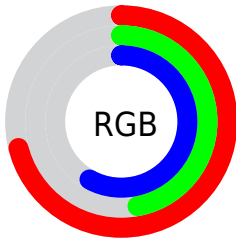
Format	Color
RYB	182, 120, 147
Decimal	11958419
CIELab	57.54, 28.19, -4.59
CIELCh	58, 28.566, 350.748
Yxy	25.4846, 0.3569, 0.2908
Android (android.graphics.Color)	4290148499 (0xFFB67893)
YUV	141.6160, 2.6543, 35.4168
Hunter-Lab	50.4823, 22.2494, -0.9233

Details

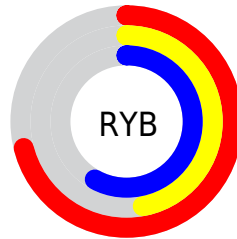
The Yxy color **25.4846, 0.3569, 0.2908** is a light color, and the websafe version is hex **996699**. A complement of this color would be **39.8229, 0.2832, 0.3711**, and the grayscale version is **26.8724, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.4549, 0.3477, 0.2985**, and **9.8140, 0.3742, 0.2782** is the 20% darker color. If you saturate the color by 10%, you get **21.2078, 0.3759, 0.2795**, and if you desaturate by 10%, it is **30.6248, 0.3409, 0.3024**.

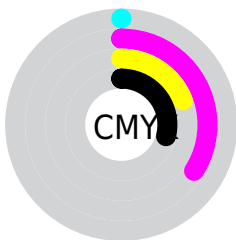
Distribution



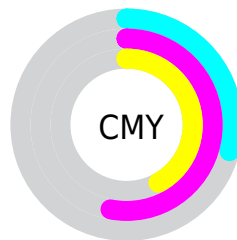
- Red (71%)
- Green (47%)
- Blue (58%)



- Red (71%)
- Yellow (47%)
- Blue (58%)



- Cyan (0%)
- Magenta (34%)
- Yellow (19%)
- Black (29%)





- Cyan (29%)
- Magenta (53%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.4846, 0.3569, 0.2908 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 25.4846, 0.3569, 0.2908 by changing the saturation by 10% instead.


 25.4846, 0.3569,
0.2908


 25.4846, 0.3569,
0.2908


280.2428, 0.3329,
0.3113


 16.4385, 0.3636,
0.2852

 52.4423, 0.3476,
0.2986

 9.8350, 0.3728,
0.2776


 71.1227, 0.3443,
0.3015

 5.2897, 0.3860,
0.2668


 93.7832, 0.3416,
0.3038

 2.4182, 0.4064,
0.2505

120.8084, 0.3393,
0.3058

 0.8352, 0.4423,
0.2228

152.5825, 0.3373,
0.3075

 0.0000, 0.9448,
0.0000

189.4900, 0.3356,

 0.0000, 0.0000,

0.3089

0.0000

231.9153, 0.3341,
0.3102

■ 25.4846, 0.3569,
0.2908

■ 25.4846, 0.3569,
0.2908

■ 21.2078, 0.3759,
0.2795

■ 30.6248, 0.3409,
0.3024

■ 17.7427, 0.3980,
0.2692

■ 36.6690, 0.3276,
0.3139

■ 15.0378, 0.4231,
0.2611

■ 43.6597, 0.3166,
0.3248


■ 13.0338, 0.4505,
0.2562


■ 51.6356, 0.3076,
0.3350


■ 11.6628, 0.4790,
0.2560

■ 60.6331, 0.3001,
0.3444

 10.8430, 0.5069,
0.2609

 70.6868, 0.2939,
0.3531

 10.5154, 0.5229,
0.2654

 81.8299, 0.2889,
0.3611

 87.1363, 0.2839,
0.3574

 87.7282, 0.2787,
0.3458

Harmonies

Analogous

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



25.4846, 0.3072, 0.2640



25.4846, 0.3569, 0.2908



25.4846, 0.3959, 0.3268

Triad

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



25.4846, 0.3569, 0.2908



25.4846, 0.3596, 0.4171



25.4846, 0.2238, 0.2808

Complementary

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



25.4846, 0.3569, 0.2908



39.8229, 0.2832, 0.3711

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.



25.4846, 0.2354, 0.3225



25.4846, 0.3569, 0.2908



25.4846, 0.3121, 0.4079

Square

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



25.4846, 0.3569, 0.2908



25.4846, 0.3963, 0.3993



25.4846, 0.2668, 0.3713



25.4846, 0.2334, 0.2565

Rectangle

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



25.4846, 0.3569, 0.2908



25.4846, 0.4088, 0.3528



25.4846, 0.2668, 0.3713



25.4846, 0.2253, 0.2931

Sweetspot

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



25.4858, 0.3569, 0.2908



71.2068, 0.3231, 0.3182



23.6907, 0.2864, 0.2380



15.3450, 0.3247, 0.3166



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



25.4858, 0.3569, 0.2908



40.1506, 0.3711, 0.2821



25.4932, 0.3898, 0.3337



9.0754, 0.3222, 0.3191



7.4371, 0.5201, 0.2639



0.2747, 0.4561, 0.2286

Inverse Universe

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



25.4858, 0.3569, 0.2908



40.1506, 0.3711, 0.2821



39.5777, 0.2645, 0.3242



9.0754, 0.3222, 0.3191



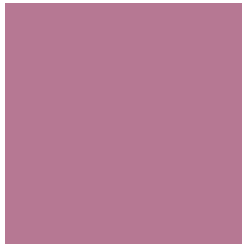
7.4371, 0.5201, 0.2639



0.2747, 0.4561, 0.2286

Previews

White Background



This preview shows how the Yxy color 25.4846, 0.3569, 0.2908 looks on a white background.

Color Contrast Check

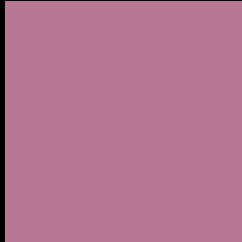
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.4846, 0.3569, 0.2908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

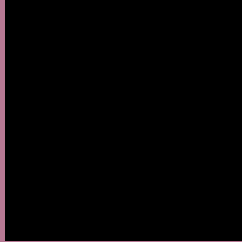
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.4846, 0.3569, 0.2908

Background



This preview shows how black text looks on a background with the Yxy color 25.4846, 0.3569, 0.2908.



This preview shows how white text looks on a background with the Yxy color 25.4846, 0.3569, 0.2908.

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

25.4846, 0.3569, 0.2908

Protanopia

25.7965, 0.2901, 0.2964

Deuteranopia

25.4534, 0.3191, 0.3129



Tritanopia

25.5352, 0.3723, 0.3161

Trichromacy



Original Color

25.4846, 0.3569, 0.2908

Protanomaly

25.2411, 0.3122, 0.2929

Deuteranomaly

25.3219, 0.3324, 0.3044

Tritanomaly

25.5490, 0.3675, 0.3076

Monochromacy



Original Color

25.4846, 0.3569, 0.2908

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.2319, 0.3281, 0.3134

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.4846, 0.3569, 0.2908 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(182, 120, 147)` looks like.

```
.text, #text, p{  
    color:rgb(182, 120, 147)  
}
```

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(182, 120, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 120, 147) }
```

Border

The CSS property to change the border of an element to Yxy 25.4846, 0.3569, 0.2908 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(182, 120, 147) }
```

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

```
.border{ border-color:rgb(182, 120, 147) }
```

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

Here you see how a box with a 4 pixel rgb(182, 120, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 120, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 120, 147);  
box-shadow:4px 4px 4px 4px rgb(182, 120,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 25.4846, 0.3569, 0.2908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 120, 147) }
```

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

```
.background{ background-color: rgb(182,  
120, 147) }
```

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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