

Converting Colors

$Yxy(25.3046, 0.3679, 0.3061)$

Have a look what the booklet for
Yxy(25.3046, 0.3679, 0.3061)
contains.

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Color

Yxy(25.3046, 0.3679, 0.3061)

Conversions

Conversions Part 1

Format	Color
Hex	B57989
RGB	181, 121, 137
RGB Percent	71%, 47%, 54%
CMY	0.2901, 0.5255, 0.4627
CMYK	0.00, 0.33, 0.24, 0.29
HSL	344°, 29%, 59%
HSV	344°, 33%, 71%
XYZ	30.4135, 25.3046, 26.9497
YIQ	140.7640, 30.6240, 17.6960

Conversions

Conversions Part 2

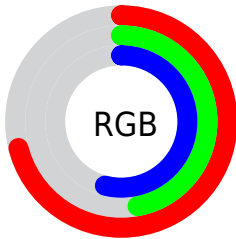
Format	Color
R_{YB}	181, 121, 137
Decimal	11893129
CIE _{Lab}	57.37, 25.73, 0.93
CIE _{LCh}	57, 25.752, 2.068
Yxy	25.3046, 0.3679, 0.3061
Android (android.graphics.Color)	4290083209 (0xFFB57989)
YUV	140.7640, -1.8557, 35.2870
Hunter-Lab	50.3037, 19.8892, 3.4486

Details

The Yxy color **25.3046, 0.3679, 0.3061** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **39.8397, 0.2769, 0.3535**, and the grayscale version is **26.5380, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.1670, 0.3564, 0.3115**, and **9.7066, 0.3897, 0.2973** is the 20% darker color. If you saturate the color by 10%, you get **20.9537, 0.3929, 0.2991**, and if you desaturate by 10%, it is **30.5303, 0.3472, 0.3133**.

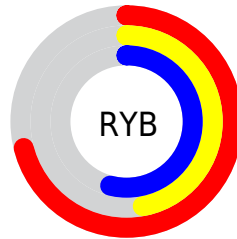
Distribution



Red (71%)

Green (47%)

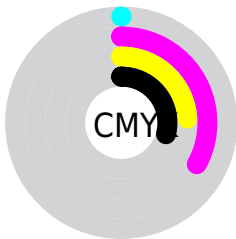
Blue (54%)



Red (71%)

Yellow (47%)

Blue (54%)

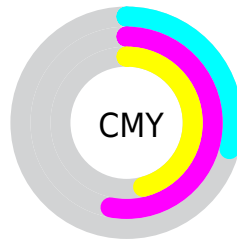


Cyan (0%)

Magenta (33%)

Yellow (24%)

Black (29%)



Cyan (29%)

Magenta (53%)

Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.3046, 0.3679, 0.3061 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 25.3046, 0.3679, 0.3061 by changing the saturation by 10% instead.


 25.3046, 0.3679,
0.3061


 25.3046, 0.3679,
0.3061


279.3515, 0.3375,
0.3188


 16.3041, 0.3766,
0.3024


 52.1509, 0.3561,
0.3111

 9.7396, 0.3885,
0.2974


 70.7656, 0.3519,
0.3128

 5.2267, 0.4059,
0.2900

 93.3538, 0.3484,
0.3143

 2.3809, 0.4333,
0.2782

120.2999, 0.3455,
0.3155

 0.8160, 0.4841,
0.2568

151.9884, 0.3431,
0.3165

 0.0000, 1.0000,
0.0000

188.8035, 0.3409,

 0.0000, 0.0000,


0.3174


0.0000


231.1297, 0.3391,
0.3181


 25.3046, 0.3679,
0.3061


 25.3046, 0.3679,
0.3061

 20.9537, 0.3929,
0.2991


 30.5303, 0.3472,
0.3133

 17.4260, 0.4225,
0.2930


 36.6716, 0.3303,
0.3203


 14.6702, 0.4566,
0.2885


 43.7708, 0.3165,
0.3270


 12.6273, 0.4938,
0.2868

 51.8668, 0.3053,
0.3332

 11.2301, 0.5316,
0.2889


 60.9961, 0.2961,
0.3389

 10.3981, 0.5664,
0.2952

 71.1934, 0.2887,
0.3441

 10.0427, 0.5873,
0.3009

 82.4920, 0.2825,
0.3488

 87.8299, 0.2764,
0.3417

 88.5669, 0.2706,
0.3289

Harmonies

Analogous

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



25.3046, 0.3250, 0.2776



25.3046, 0.3679, 0.3061



25.3046, 0.3958, 0.3409

Triad

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



25.3046, 0.3679, 0.3061



25.3046, 0.3399, 0.4083



25.3046, 0.2327, 0.2752

Complementary

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



25.3046, 0.3679, 0.3061



39.8397, 0.2769, 0.3535

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.



25.3046, 0.2361, 0.3078



25.3046, 0.3679, 0.3061



25.3046, 0.2961, 0.3897

Square

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



25.3046, 0.3679, 0.3061



25.3046, 0.3780, 0.4012



25.3046, 0.2585, 0.3509



25.3046, 0.2486, 0.2593

Rectangle

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



25.3046, 0.3679, 0.3061



25.3046, 0.4010, 0.3644



25.3046, 0.2585, 0.3509



25.3046, 0.2317, 0.2844

Sweetspot

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



25.3058, 0.3679, 0.3061



69.2828, 0.3259, 0.3224



24.9041, 0.2980, 0.2434



14.6089, 0.3279, 0.3214



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



25.3058, 0.3679, 0.3061



39.3187, 0.3862, 0.3008



28.2570, 0.3822, 0.3480



8.5413, 0.3247, 0.3229



6.9311, 0.5841, 0.2991



0.2280, 0.5039, 0.2550

Inverse Universe

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



25.3058, 0.3679, 0.3061



39.3187, 0.3862, 0.3008



35.4137, 0.2638, 0.3090



8.5413, 0.3247, 0.3229



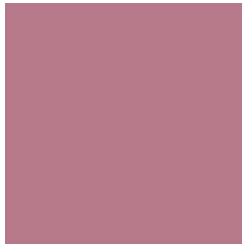
6.9311, 0.5841, 0.2991



0.2280, 0.5039, 0.2550

Previews

White Background



This preview shows how the Yxy color 25.3046, 0.3679, 0.3061 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 25.3046, 0.3679, 0.3061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

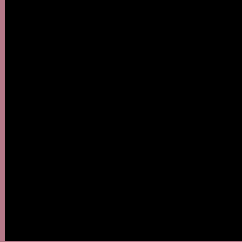
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.3046, 0.3679, 0.3061

Background



This preview shows how black text looks on a background with the Yxy color 25.3046, 0.3679, 0.3061.



This preview shows how white text looks on a background with the Yxy color 25.3046, 0.3679, 0.3061.

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

25.3046, 0.3679, 0.3061

Protanopia

25.4012, 0.3037, 0.3124

Deuteranopia

25.5718, 0.3334, 0.3275



Tritanopia

25.2611, 0.3739, 0.3161

Trichromacy



Original Color

25.3046, 0.3679, 0.3061

Protanomaly

25.0858, 0.3262, 0.3100

Deuteranomaly

25.2646, 0.3451, 0.3182

Tritanomaly

25.3158, 0.3714, 0.3132

Monochromacy



Original Color

25.3046, 0.3679, 0.3061

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

26.0116, 0.3314, 0.3196

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.3046, 0.3679, 0.3061 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, 121, 137)` looks like.

```
.text, #text, p{  
    color:rgb(181, 121, 137)  
}
```

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, 121, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 121, 137) }
```

Border

The CSS property to change the border of an element to Yxy 25.3046, 0.3679, 0.3061 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, 121, 137) }
```

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

```
.border{ border-color:rgb(181, 121, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 121, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 121, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 121, 137); box-shadow:4px 4px 4px 4px rgb(181, 121, 137) }
```


Background

The CSS property to change the background color of an element to Yxy 25.3046, 0.3679, 0.3061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 121, 137) }
```

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

```
.background{ background-color: rgb(181,  
121, 137) }
```

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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