

Converting Colors

$Y_{xy}(26.2497, 0.3671, 0.3051)$

Have a look what the booklet for
Yxy(26.2497, 0.3671, 0.3051)
contains.

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Color

Yxy(26.2497, 0.3671, 0.3051)

Conversions

Conversions Part 1

Format	Color
Hex	B87B8C
RGB	184, 123, 140
RGB Percent	72%, 48%, 55%
CMY	0.2784, 0.5176, 0.4511
CMYK	0.00, 0.33, 0.24, 0.28
HSL	343°, 30%, 60%
HSV	343°, 33%, 72%
XYZ	31.5840, 26.2497, 28.2027
YIQ	143.1770, 30.8990, 18.2190

Conversions

Conversions Part 2

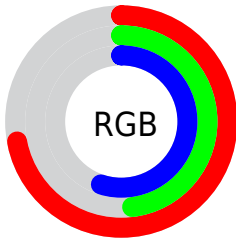
Format	Color
RYB	184, 123, 140
Decimal	12090252
CIELab	58.27, 26.18, 0.57
CIElCh	58, 26.184, 1.243
Yxy	26.2497, 0.3671, 0.3051
Android (android.graphics.Color)	4290280332 (0xFFB87B8C)
YUV	143.1770, -1.5663, 35.8018
Hunter-Lab	51.2345, 20.3777, 3.2271

Details

The Yxy color $26.2497, 0.3671, 0.3051$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $41.2879, 0.2774, 0.3546$, and the grayscale version is $27.5400, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.6017, 0.3559, 0.3106$, and $10.2491, 0.3880, 0.2960$ is the 20% darker color. If you saturate the color by 10%, you get $21.7381, 0.3917, 0.2978$, and if you desaturate by 10%, it is $31.6691, 0.3467, 0.3126$.

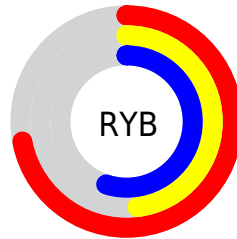
Distribution



Red (72%)

Green (48%)

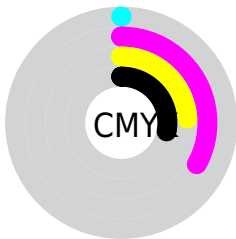
Blue (55%)



Red (72%)

Yellow (48%)

Blue (55%)

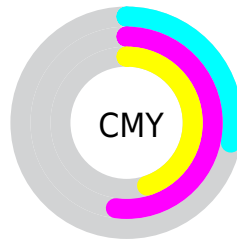


Cyan (0%)

Magenta (33%)

Yellow (24%)

Black (28%)



Cyan (28%)

Magenta (52%)

Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.2497, 0.3671, 0.3051 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 26.2497, 0.3671, 0.3051 by changing the saturation by 10% instead.

 26.2497, 0.3671,
0.3051


 26.2497, 0.3671,
0.3051


284.0057, 0.3373,
0.3183


 17.0105, 0.3755,
0.3014


 53.6775, 0.3556,
0.3102

 10.2420, 0.3871,
0.2962


 72.6349, 0.3515,
0.3120

 5.5597, 0.4037,
0.2888

 95.6006, 0.3481,
0.3135

 2.5793, 0.4297,
0.2771

122.9588, 0.3452,
0.3148

 0.9162, 0.4759,
0.2563

155.0940, 0.3428,
0.3158

 0.0000, 1.0000,
0.0000

192.3907, 0.3407,

 0.0000, 0.0000,

0.3168

0.0000

235.2331, 0.3389,
0.3176

■ 26.2497, 0.3671,
0.3051

■ 26.2497, 0.3671,
0.3051

■ 21.7381, 0.3917,
0.2978

■ 31.6691, 0.3467,
0.3126

■ 18.0808, 0.4209,
0.2914

■ 38.0386, 0.3301,
0.3200

■ 15.2243, 0.4544,
0.2866


■ 45.4024, 0.3165,
0.3269


■ 13.1074, 0.4910,
0.2848

■ 53.8007, 0.3054,
0.3334


■ 11.6600, 0.5283,
0.2868

■ 63.2715, 0.2963,
0.3393


 10.7985, 0.5628,
0.2932

 73.8510, 0.2889,
0.3447

 10.4323, 0.5837,
0.2989

 85.5735, 0.2829,
0.3497

 88.3797, 0.2764,
0.3383

 88.9316, 0.2721,
0.3289

Harmonies

Analogous

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



26.2497, 0.3238, 0.2768



26.2497, 0.3671, 0.3051



26.2497, 0.3957, 0.3399

Triad

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



26.2497, 0.3671, 0.3051



26.2497, 0.3411, 0.4088



26.2497, 0.2322, 0.2756

Complementary

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



26.2497, 0.3671, 0.3051



41.2879, 0.2774, 0.3546

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.



26.2497, 0.2362, 0.3088



26.2497, 0.3671, 0.3051



26.2497, 0.2972, 0.3909

Square

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



26.2497, 0.3671, 0.3051



26.2497, 0.3791, 0.4010



26.2497, 0.2592, 0.3522



26.2497, 0.2477, 0.2592

Rectangle

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



26.2497, 0.3671, 0.3051



26.2497, 0.4014, 0.3635



26.2497, 0.2592, 0.3522



26.2497, 0.2314, 0.2850

Sweetspot

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



26.2509, 0.3671, 0.3051



72.7416, 0.3257, 0.3221



25.8133, 0.2980, 0.2433



15.2954, 0.3277, 0.3211



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.



26.2509, 0.3671, 0.3051



41.2858, 0.3852, 0.2996



29.2924, 0.3823, 0.3480



9.0522, 0.3245, 0.3227



7.1995, 0.5806, 0.2972



0.2647, 0.5052, 0.2557

Inverse Universe

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



26.2509, 0.3671, 0.3051



41.2858, 0.3852, 0.2996



36.7196, 0.2637, 0.3089



9.0522, 0.3245, 0.3227



7.1995, 0.5806, 0.2972



0.2647, 0.5052, 0.2557

Previews

White Background



This preview shows how the Yxy color 26.2497, 0.3671, 0.3051 looks on a white background.

Color Contrast Check

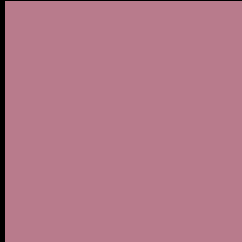
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2497, 0.3671, 0.3051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

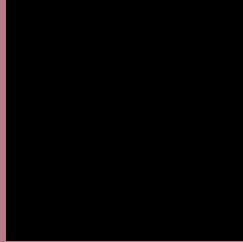
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.2497, 0.3671, 0.3051

Background



This preview shows how black text looks on a background with the Yxy color 26.2497, 0.3671, 0.3051.



This preview shows how white text looks on a background with the Yxy color 26.2497, 0.3671, 0.3051.

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

26.2497, 0.3671, 0.3051

Protanopia

26.5336, 0.3029, 0.3127

Deuteranopia

26.4119, 0.3320, 0.3259



Tritanopia

26.2038, 0.3730, 0.3149

Trichromacy



Original Color

26.2497, 0.3671, 0.3051

Protanomaly

26.1934, 0.3248, 0.3103

Deuteranomaly

26.2037, 0.3447, 0.3169

Tritanomaly

26.2602, 0.3705, 0.3120

Monochromacy



Original Color

26.2497, 0.3671, 0.3051

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

26.8304, 0.3311, 0.3197

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2497, 0.3671, 0.3051 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(184, 123, 140)` looks like.

```
.text, #text, p{  
    color:rgb(184, 123, 140)  
}
```

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(184, 123, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 123, 140) }
```

Border

The CSS property to change the border of an element to Yxy 26.2497, 0.3671, 0.3051 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(184, 123, 140) }
```

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

```
.border{ border-color:rgb(184, 123, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 123, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 123, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 123, 140);  
box-shadow:4px 4px 4px 4px rgb(184, 123,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 26.2497, 0.3671, 0.3051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 123, 140) }
```

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

```
.background{ background-color: rgb(184,  
123, 140) }
```

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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