

Converting Colors

$Y_{xy}(26.4120, 0.3700, 0.3041)$

Have a look what the booklet for
Yxy(26.4120, 0.3700, 0.3041)
contains.

Yxy(26.3773, 0.3709, 0.3040)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.3773, 0.3709, 0.3040)

Conversions

Conversions Part 1

Format	Color
Hex	BB7A8C
RGB	187, 122, 140
RGB Percent	73%, 48%, 55%
CMY	0.2668, 0.5215, 0.4510
CMYK	0.00, 0.35, 0.25, 0.27
HSL	343°, 32%, 61%
HSV	343°, 35%, 73%
XYZ	32.1820, 26.3773, 28.2081
YIQ	143.4870, 32.9620, 19.3780

Conversions

Conversions Part 2

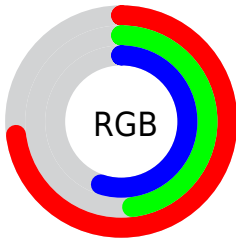
Format	Color
R _Y B	187, 122, 140
Decimal	12286604
CIE Lab	58.39, 27.83, 0.77
CIE LCh	58, 27.843, 1.579
Yxy	26.3773, 0.3709, 0.3040
Android (android.graphics.Color)	4290476684 (0xFFBB7A8C)
YUV	143.4870, -1.7191, 38.1609
Hunter-Lab	51.3588, 21.9722, 3.3870

Details

The Yxy color $26.3773, 0.3709, 0.3040$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $42.5322, 0.2758, 0.3560$, and the grayscale version is $27.6711, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.7433, 0.3588, 0.3097$, and $10.2784, 0.3920, 0.2946$ is the 20% darker color. If you saturate the color by 10%, you get $21.8448, 0.3963, 0.2968$, and if you desaturate by 10%, it is $31.8447, 0.3498, 0.3115$.

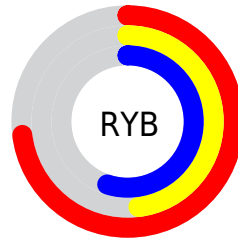
Distribution



Red (73%)

Green (48%)

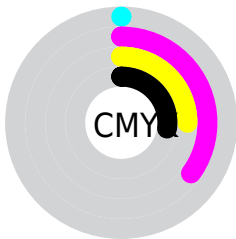
Blue (55%)



Red (73%)

Yellow (48%)

Blue (55%)

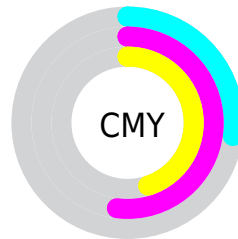


Cyan (0%)

Magenta (35%)

Yellow (25%)

Black (27%)



Cyan (27%)


Magenta (52%)

Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.3773, 0.3709, 0.3040 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 26.3773, 0.3709, 0.3040 by changing the saturation by 10% instead.


 26.3773, 0.3709,
0.3040


 26.3773, 0.3709,
0.3040


284.6293, 0.3390,
0.3178


 17.1061, 0.3799,
0.3001


 53.8830, 0.3586,
0.3093

 10.3102, 0.3922,
0.2947


 72.8863, 0.3542,
0.3112

 5.6051, 0.4099,
0.2870

 95.9024, 0.3506,
0.3128

 2.6065, 0.4376,
0.2747

123.3158, 0.3475,
0.3141

 0.9299, 0.4864,
0.2530

155.5108, 0.3449,
0.3152

 0.0000, 1.0000,
0.0000

192.8717, 0.3427,

 0.0000, 0.0000,

0.3162

0.0000

235.7831, 0.3407,
0.3170

■ 26.3773, 0.3709,
0.3040

■ 26.3773, 0.3709,
0.3040

■ 21.8448, 0.3963,
0.2968

■ 31.8447, 0.3498,
0.3115

■ 18.1908, 0.4263,
0.2906

■ 38.2916, 0.3325,
0.3188

■ 15.3587, 0.4605,
0.2863


■ 45.7644, 0.3184,
0.3258

■ 13.2835, 0.4976,
0.2850

■ 54.3053, 0.3070,
0.3324


■ 11.8906, 0.5348,
0.2878


■ 63.9543, 0.2976,
0.3384


 11.0895, 0.5685,
0.2949

 74.7491, 0.2900,
0.3439

 10.8074, 0.5844,
0.2993

 86.7259, 0.2837,
0.3489

 88.8688, 0.2770,
0.3362

 89.3014, 0.2736,
0.3289

Harmonies

Analogous

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



26.3773, 0.3249, 0.2741



26.3773, 0.3709, 0.3040



26.3773, 0.4011, 0.3407

Triad

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



26.3773, 0.3709, 0.3040



26.3773, 0.3421, 0.4139



26.3773, 0.2278, 0.2720

Complementary

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



26.3773, 0.3709, 0.3040



42.5322, 0.2758, 0.3560

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.



26.3773, 0.2316, 0.3069



26.3773, 0.3709, 0.3040



26.3773, 0.2956, 0.3946

Square

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



26.3773, 0.3709, 0.3040



26.3773, 0.3826, 0.4055



26.3773, 0.2556, 0.3531



26.3773, 0.2442, 0.2551

Rectangle

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



26.3773, 0.3709, 0.3040



26.3773, 0.4068, 0.3656



26.3773, 0.2556, 0.3531



26.3773, 0.2268, 0.2818

Sweetspot

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



26.3785, 0.3709, 0.3040



74.4990, 0.3257, 0.3221



25.8977, 0.2970, 0.2389



15.9963, 0.3278, 0.3211



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



26.3785, 0.3709, 0.3040



40.6782, 0.3907, 0.2983



29.6012, 0.3869, 0.3490



9.5786, 0.3246, 0.3227



7.4595, 0.5814, 0.2976



0.3037, 0.5108, 0.2588

Inverse Universe

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



26.3785, 0.3709, 0.3040



40.6782, 0.3907, 0.2983



37.5742, 0.2615, 0.3078



9.5786, 0.3246, 0.3227



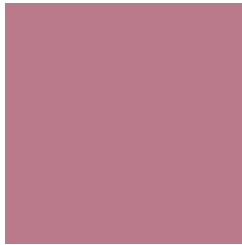
7.4595, 0.5814, 0.2976



0.3037, 0.5108, 0.2588

Previews

White Background



This preview shows how the Yxy color 26.3773, 0.3709, 0.3040 looks on a white background.

Color Contrast Check

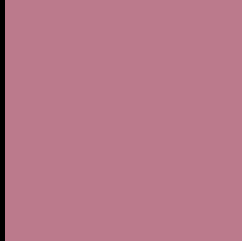
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3773, 0.3709, 0.3040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

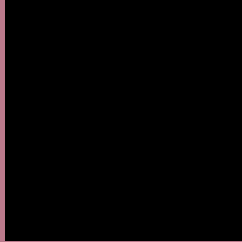
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.3773, 0.3709, 0.3040

Background



This preview shows how black text looks on a background with the Yxy color 26.3773, 0.3709, 0.3040.



This preview shows how white text looks on a background with the Yxy color 26.3773, 0.3709, 0.3040.

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

26.3773, 0.3709, 0.3040

Protanopia

26.5660, 0.3019, 0.3111

Deuteranopia

26.4824, 0.3343, 0.3275



Tritanopia

26.2985, 0.3782, 0.3151

Trichromacy



Original Color

26.3773, 0.3709, 0.3040

Protanomaly

26.0497, 0.3250, 0.3072

Deuteranomaly

26.2831, 0.3470, 0.3185

Tritanomaly

26.3826, 0.3744, 0.3109

Monochromacy



Original Color

26.3773, 0.3709, 0.3040

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

26.6519, 0.3324, 0.3182

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.3773, 0.3709, 0.3040 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(187, 122, 140)` looks like.

```
.text, #text, p{  
    color:rgb(187, 122, 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(187, 122, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 122, 140) }
```

Border

The CSS property to change the border of an element to Yxy 26.3773, 0.3709, 0.3040 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(187, 122, 140) }
```

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

```
.border{ border-color:rgb(187, 122, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 122, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 122, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 122, 140);  
box-shadow:4px 4px 4px 4px rgb(187, 122,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 26.3773, 0.3709, 0.3040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 122, 140) }
```

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

```
.background{ background-color: rgb(187,  
122, 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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