

Converting Colors

$Y_{xy}(26.2128, 0.3585, 0.2870)$

Have a look what the booklet for
Yxy(26.2128, 0.3585, 0.2870)
contains.

Yxy(26.1997, 0.3591, 0.2876)	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(26.1997, 0.3591, 0.2876)

Conversions

Conversions Part 1

Format	Color
Hex	BB7896
RGB	187, 120, 150
RGB Percent	73%, 47%, 59%
CMY	0.2667, 0.5294, 0.4118
CMYK	0.00, 0.36, 0.20, 0.27
HSL	333°, 33%, 60%
HSV	333°, 36%, 73%
XYZ	32.7132, 26.1997, 32.1848
YIQ	143.4530, 30.3020, 23.5340

Conversions

Conversions Part 2

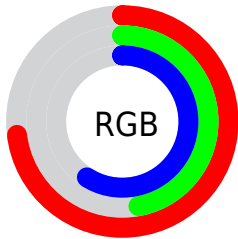
Format	Color
RYB	187, 120, 150
Decimal	12286102
CIELab	58.23, 30.46, -5.25
CIELCh	58, 30.910, 350.218
Yxy	26.1997, 0.3591, 0.2876
Android (android.graphics.Color)	4290476182 (0xFFBB7896)
YUV	143.4530, 3.2277, 38.1907
Hunter-Lab	51.1856, 24.5060, -1.4508

Details

The Yxy color **26.1997, 0.3591, 0.2876** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **41.9657, 0.2824, 0.3750**, and the grayscale version is **27.6372, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.4799, 0.3494, 0.2959**, and **10.1867, 0.3754, 0.2740** is the 20% darker color. If you saturate the color by 10%, you get **21.8152, 0.3782, 0.2761**, and if you desaturate by 10%, it is **31.4942, 0.3429, 0.2996**.

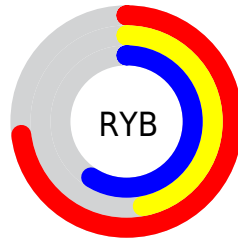
Distribution



Red (73%)

Green (47%)

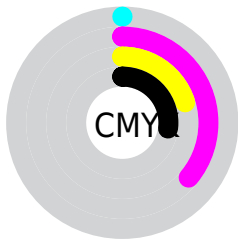
Blue (59%)



Red (73%)

Yellow (47%)

Blue (59%)

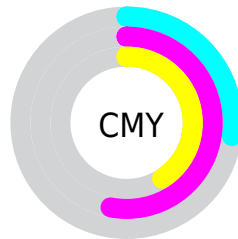


Cyan (0%)

Magenta (36%)

Yellow (20%)

Black (27%)



Cyan (27%)


Magenta (53%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.1997, 0.3591, 0.2876 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 26.1997, 0.3591, 0.2876 by changing the saturation by 10% instead.


 26.1997, 0.3591,
0.2876


 26.1997, 0.3591,
0.2876

283.7610, 0.3340,
0.3097


 16.9731, 0.3661,
0.2816


 53.5969, 0.3495,
0.2960

 10.2153, 0.3755,
0.2736


 72.5364, 0.3460,
0.2990

 5.5419, 0.3889,
0.2623


 95.4822, 0.3432,
0.3015

 2.5686, 0.4096,
0.2454

122.8188, 0.3407,
0.3037

 0.9109, 0.4451,
0.2173

154.9306, 0.3387,
0.3055

 0.0000, 0.7841,
0.0000

192.2020, 0.3369,

 0.0000, 0.0000,

0.3071

0.0000

235.0173, 0.3354,
0.3085

■ 26.1997, 0.3591,
0.2876

■ 26.1997, 0.3591,
0.2876

■ 21.8152, 0.3782,
0.2761

■ 31.4942, 0.3429,
0.2996

■ 18.2850, 0.4004,
0.2658

■ 37.7431, 0.3295,
0.3114

■ 15.5529, 0.4253,
0.2579


■ 44.9920, 0.3183,
0.3227

■ 13.5542, 0.4524,
0.2536


■ 53.2826, 0.3091,
0.3334

■ 12.2141, 0.4802,
0.2540

■ 62.6542, 0.3015,
0.3433


 11.4385, 0.5072,
0.2597

 73.1442, 0.2952,
0.3524

 11.1994, 0.5182,
0.2629

 84.7880, 0.2901,
0.3607

 87.9454, 0.2849,
0.3533

 88.5519, 0.2796,
0.3419

Harmonies

Analogous

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



26.1997, 0.3057, 0.2595



26.1997, 0.3591, 0.2876



26.1997, 0.4015, 0.3256

Triad

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



26.1997, 0.3591, 0.2876



26.1997, 0.3634, 0.4234



26.1997, 0.2181, 0.2778

Complementary

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



26.1997, 0.3591, 0.2876



41.9657, 0.2824, 0.3750

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.



26.1997, 0.2306, 0.3226



26.1997, 0.3591, 0.2876



26.1997, 0.3126, 0.4146

Square

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



26.1997, 0.3591, 0.2876



26.1997, 0.4025, 0.4033



26.1997, 0.2642, 0.3753



26.1997, 0.2278, 0.2519

Rectangle

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



26.1997, 0.3591, 0.2876



26.1997, 0.4156, 0.3532



26.1997, 0.2642, 0.3753



26.1997, 0.2197, 0.2909

Sweetspot

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



26.2009, 0.3591, 0.2876



73.4053, 0.3240, 0.3167



24.1758, 0.2846, 0.2328



15.7818, 0.3256, 0.3152



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.



26.2009, 0.3591, 0.2876



40.6129, 0.3739, 0.2785



26.1752, 0.3957, 0.3340



9.6055, 0.3220, 0.3188



7.7313, 0.5153, 0.2612



0.3160, 0.4571, 0.2292

Inverse Universe

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



26.2009, 0.3591, 0.2876



40.6129, 0.3739, 0.2785



41.7142, 0.2623, 0.3239



9.6055, 0.3220, 0.3188



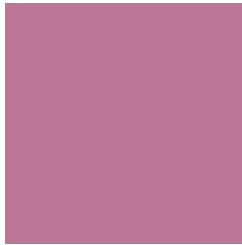
7.7313, 0.5153, 0.2612



0.3160, 0.4571, 0.2292

Previews

White Background



This preview shows how the Yxy color 26.1997, 0.3591, 0.2876 looks on a white background.

Color Contrast Check

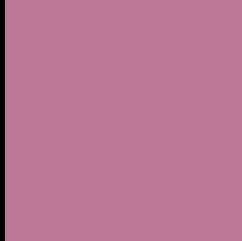
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1997, 0.3591, 0.2876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

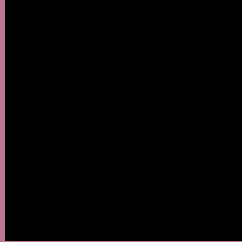
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.1997, 0.3591, 0.2876

Background



This preview shows how black text looks on a background with the Yxy color 26.1997, 0.3591, 0.2876.



This preview shows how white text looks on a background with the Yxy color 26.1997, 0.3591, 0.2876.

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

26.1997, 0.3591, 0.2876

Protanopia

26.3081, 0.2875, 0.2920

Deuteranopia

26.2942, 0.3180, 0.3116



Tritanopia

26.1461, 0.3783, 0.3164

Trichromacy



Original Color

26.1997, 0.3591, 0.2876

Protanomaly

25.9397, 0.3113, 0.2890

Deuteranomaly

25.9959, 0.3324, 0.3017

Tritanomaly

26.2223, 0.3710, 0.3053

Monochromacy



Original Color

26.1997, 0.3591, 0.2876

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

26.7742, 0.3281, 0.3120

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1997, 0.3591, 0.2876 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, 120, 150)` looks like.

```
.text, #text, p{  
    color:rgb(187, 120, 150)  
}
```

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, 120, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 120, 150) }
```

Border

The CSS property to change the border of an element to Yxy 26.1997, 0.3591, 0.2876 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, 120, 150) }
```

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

```
.border{ border-color:rgb(187, 120, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 120, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 120, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 120, 150);  
box-shadow:4px 4px 4px 4px rgb(187, 120,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1997, 0.3591, 0.2876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 120, 150) }
```

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

```
.background{ background-color: rgb(187,  
120, 150) }
```

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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