

Converting Colors

$Y_{xy}(25.9802, 0.3591, 0.2863)$

Have a look what the booklet for
Yxy(25.9802, 0.3591, 0.2863)
contains.

Yxy(25.9605, 0.3594, 0.2862)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(25.9605, 0.3594, 0.2862)

Conversions

Conversions Part 1

Format	Color
Hex	BB7796
RGB	187, 119, 150
RGB Percent	73%, 47%, 59%
CMY	0.2666, 0.5334, 0.4118
CMYK	0.00, 0.36, 0.20, 0.27
HSL	333°, 33%, 60%
HSV	333°, 36%, 73%
XYZ	32.6003, 25.9605, 32.1468
YIQ	142.8660, 30.5770, 24.0570

Conversions

Conversions Part 2

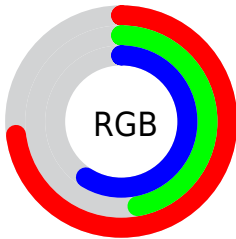
Format	Color
RYB	187, 119, 150
Decimal	12285846
CIELab	58.00, 31.03, -5.59
CIELCh	58, 31.533, 349.790
Yxy	25.9605, 0.3594, 0.2862
Android (android.graphics.Color)	4290475926 (0xFFBB7796)
YUV	142.8660, 3.5171, 38.7055
Hunter-Lab	50.9514, 25.0447, -1.7418

Details

The Yxy color **25.9605, 0.3594, 0.2862** is a light color, and the websafe version is hex **CC6699**, and the color name is **red wisteria (benifuji)**. A complement of this color would be **41.8745, 0.2824, 0.3767**, and the grayscale version is **27.3892, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.0978, 0.3496, 0.2948**, and **10.0626, 0.3758, 0.2722** is the 20% darker color. If you saturate the color by 10%, you get **21.6261, 0.3784, 0.2745**, and if you desaturate by 10%, it is **31.2017, 0.3433, 0.2984**.

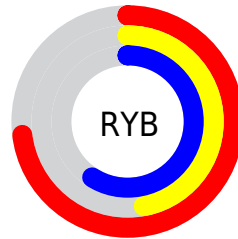
Distribution



Red (73%)

Green (47%)

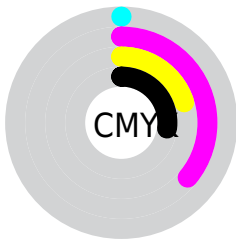
Blue (59%)



Red (73%)

Yellow (47%)

Blue (59%)

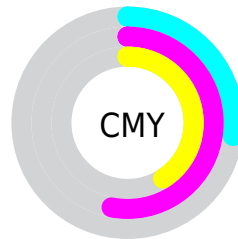


Cyan (0%)

Magenta (36%)

Yellow (20%)

Black (27%)



Cyan (27%)


Magenta (53%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.9605, 0.3594, 0.2862 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 25.9605, 0.3594, 0.2862 by changing the saturation by 10% instead.


 25.9605, 0.3594,
0.2862


 25.9605, 0.3594,
0.2862


282.5881, 0.3341,
0.3090


 16.7941, 0.3664,
0.2800

 53.2112, 0.3497,
0.2949

 10.0878, 0.3759,
0.2717


 72.0643, 0.3462,
0.2980

 5.4572, 0.3895,
0.2601


 94.9151, 0.3433,
0.3006

 2.5179, 0.4103,
0.2426

122.1480, 0.3409,
0.3028

 0.8856, 0.4461,
0.2137

154.1473, 0.3389,
0.3047

 0.0000, 0.7852,
0.0000

191.2975, 0.3371,

 0.0000, 0.0000,

0.3063

0.0000

233.9830, 0.3355,
0.3078

■ 25.9605, 0.3594,
0.2862

■ 25.9605, 0.3594,
0.2862

■ 21.6261, 0.3784,
0.2745

■ 31.2017, 0.3433,
0.2984

■ 18.1426, 0.4003,
0.2642

■ 37.3942, 0.3299,
0.3104

■ 15.4534, 0.4249,
0.2562

■ 44.5839, 0.3188,
0.3220


■ 13.4934, 0.4516,
0.2519


■ 52.8126, 0.3096,
0.3329


■ 12.1870, 0.4789,
0.2525


■ 62.1198, 0.3020,
0.3430

 11.4354, 0.5054,
0.2583

 72.5428, 0.2958,
0.3523

 11.2280, 0.5148,
0.2610

 84.1173, 0.2906,
0.3609

 87.8820, 0.2855,
0.3547

 88.4754, 0.2803,
0.3434

Harmonies

Analogous

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



25.9605, 0.3047, 0.2577



25.9605, 0.3594, 0.2862



25.9605, 0.4031, 0.3248

Triad

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



25.9605, 0.3594, 0.2862



25.9605, 0.3651, 0.4255



25.9605, 0.2161, 0.2771

Complementary

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



25.9605, 0.3594, 0.2862



41.8745, 0.2824, 0.3767

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.



25.9605, 0.2291, 0.3231



25.9605, 0.3594, 0.2862



25.9605, 0.3133, 0.4171

Square

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



25.9605, 0.3594, 0.2862



25.9605, 0.4049, 0.4043



25.9605, 0.2637, 0.3772



25.9605, 0.2257, 0.2504

Rectangle

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



25.9605, 0.3594, 0.2862



25.9605, 0.4178, 0.3529



25.9605, 0.2637, 0.3772



25.9605, 0.2179, 0.2906

Sweetspot

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



25.9617, 0.3594, 0.2862



73.4173, 0.3239, 0.3165



23.7765, 0.2829, 0.2308



15.7848, 0.3254, 0.3149



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.



25.9617, 0.3594, 0.2862



39.9051, 0.3750, 0.2764



25.6376, 0.3981, 0.3325



9.6067, 0.3219, 0.3186



7.7479, 0.5119, 0.2594



0.3167, 0.4546, 0.2278

Inverse Universe

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



25.9617, 0.3594, 0.2862



39.9051, 0.3750, 0.2764



42.1078, 0.2619, 0.3255



9.6067, 0.3219, 0.3186



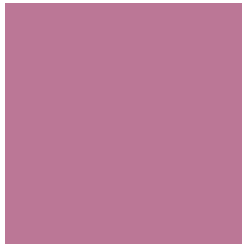
7.7479, 0.5119, 0.2594



0.3167, 0.4546, 0.2278

Previews

White Background



This preview shows how the Yxy color 25.9605, 0.3594, 0.2862 looks on a white background.

Color Contrast Check

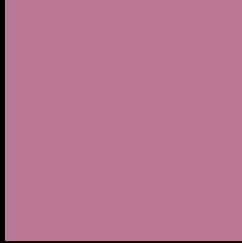
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9605, 0.3594, 0.2862 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

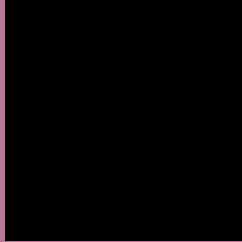
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.9605, 0.3594, 0.2862

Background



This preview shows how black text looks on a background with the Yxy color 25.9605, 0.3594, 0.2862.



This preview shows how white text looks on a background with the Yxy color 25.9605, 0.3594, 0.2862.

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

25.9605, 0.3594, 0.2862

Protanopia

26.2248, 0.2865, 0.2918

Deuteranopia

26.1989, 0.3169, 0.3115



Tritanopia

25.8993, 0.3786, 0.3150

Trichromacy



Original Color

25.9605, 0.3594, 0.2862

Protanomaly

25.8412, 0.3102, 0.2888

Deuteranomaly

25.8899, 0.3312, 0.3016

Tritanomaly

25.9779, 0.3713, 0.3039

Monochromacy



Original Color

25.9605, 0.3594, 0.2862

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

26.4964, 0.3282, 0.3105

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9605, 0.3594, 0.2862 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, 119, 150)` looks like.

```
.text, #text, p{  
    color:rgb(187, 119, 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, 119, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 119, 150) }
```

Border

The CSS property to change the border of an element to Yxy 25.9605, 0.3594, 0.2862 is called "border". The border property can be set on classes, ids or directly on the HTML element.

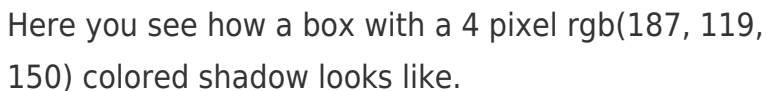
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 119, 150) }
```

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

```
.border{ border-color:rgb(187, 119, 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, 119, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 119, 150); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 119, 150); box-shadow:4px 4px 4px 4px rgb(187, 119, 150) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9605, 0.3594, 0.2862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 119, 150) }
```

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

```
.background{ background-color: rgb(187,  
119, 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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