

Converting Colors

$Y_{xy}(26.2839, 0.3605, 0.2998)$

Have a look what the booklet for
Yxy(26.2839, 0.3605, 0.2998)
contains.

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Color

Yxy(26.2468, 0.3609, 0.2994)

Conversions

Conversions Part 1

Format	Color
Hex	B77B90
RGB	183, 123, 144
RGB Percent	72%, 48%, 56%
CMY	0.2825, 0.5176, 0.4353
CMYK	0.00, 0.33, 0.21, 0.28
HSL	339°, 29%, 60%
HSV	339°, 33%, 72%
XYZ	31.6382, 26.2468, 29.7797
YIQ	143.3340, 29.0190, 19.2510

Conversions

Conversions Part 2

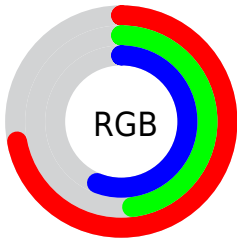
Format	Color
R _Y B	183, 123, 144
Decimal	12024720
CIE Lab	58.27, 26.39, -1.77
CIE LCh	58, 26.447, 356.163
Yxy	26.2468, 0.3609, 0.2994
Android (android.graphics.Color)	4290214800 (0xFFB77B90)
YUV	143.3340, 0.3283, 34.7871
Hunter-Lab	51.2316, 20.5776, 1.3983

Details

The Yxy color **26.2468, 0.3609, 0.2994** is a light color, and the websafe version is hex **996666**. A complement of this color would be **40.6731, 0.2807, 0.3610**, and the grayscale version is **27.5990, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.6532, 0.3506, 0.3051**, and **10.2404, 0.3785, 0.2880** is the 20% darker color. If you saturate the color by 10%, you get **21.7791, 0.3826, 0.2902**, and if you desaturate by 10%, it is **31.6037, 0.3428, 0.3088**.

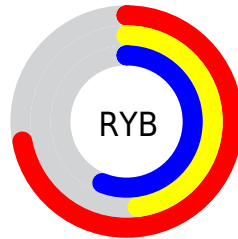
Distribution



Red (72%)

Green (48%)

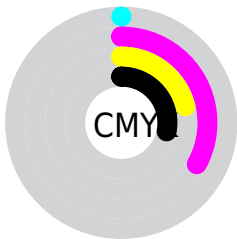
Blue (56%)



Red (72%)

Yellow (48%)

Blue (56%)

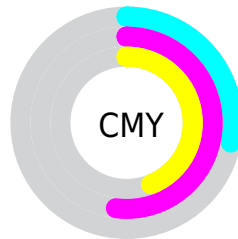


Cyan (0%)

Magenta (33%)

Yellow (21%)

Black (28%)



Cyan (28%)


Magenta (52%)


Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.2468, 0.3609, 0.2994 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 26.2468, 0.3609, 0.2994 by changing the saturation by 10% instead.


 26.2468, 0.3609,
0.2994


 26.2468, 0.3609,
0.2994


283.9915, 0.3346,
0.3154


 17.0084, 0.3683,
0.2949


 53.6728, 0.3508,
0.3056

 10.2405, 0.3784,
0.2889


 72.6292, 0.3471,
0.3078

 5.5587, 0.3929,
0.2803

 95.5937, 0.3441,
0.3096

 2.5786, 0.4155,
0.2670

122.9507, 0.3416,
0.3111

 0.9159, 0.4553,
0.2439

155.0846, 0.3395,
0.3125

 0.0000, 1.0000,
0.0000

192.3797, 0.3376,

 0.0000, 0.0000,

0.3136

0.0000

235.2206, 0.3360,
0.3146

■ 26.2468, 0.3609,
0.2994

■ 26.2468, 0.3609,
0.2994

■ 21.7791, 0.3826,
0.2902

■ 31.6037, 0.3428,
0.3088

■ 18.1483, 0.4083,
0.2819

■ 37.8909, 0.3279,
0.3180

■ 15.3025, 0.4377,
0.2754


■ 45.1513, 0.3157,
0.3267


■ 13.1822, 0.4700,
0.2719

■ 53.4243, 0.3057,
0.3348

■ 11.7194, 0.5036,
0.2727


■ 62.7468, 0.2975,
0.3423


 10.8328, 0.5359,
0.2784

 73.1540, 0.2907,
0.3492

 10.4329, 0.5576,
0.2846

 84.6795, 0.2852,
0.3554

 87.8244, 0.2794,
0.3462

 88.5516, 0.2735,
0.3331

Harmonies

Analogous

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



26.2468, 0.3161, 0.2725



26.2468, 0.3609, 0.2994



26.2468, 0.3932, 0.3338

Triad

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



26.2468, 0.3609, 0.2994



26.2468, 0.3486, 0.4100



26.2468, 0.2308, 0.2796

Complementary

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



26.2468, 0.3609, 0.2994



40.6731, 0.2807, 0.3610

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.



26.2468, 0.2381, 0.3156



26.2468, 0.3609, 0.2994



26.2468, 0.3044, 0.3964

Square

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



26.2468, 0.3609, 0.2994



26.2468, 0.3848, 0.3982



26.2468, 0.2643, 0.3599



26.2468, 0.2431, 0.2601

Rectangle

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



26.2468, 0.3609, 0.2994



26.2468, 0.4019, 0.3579



26.2468, 0.2643, 0.3599



26.2468, 0.2310, 0.2900

Sweetspot

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



26.2480, 0.3609, 0.2994



71.0974, 0.3245, 0.3203



25.2691, 0.2940, 0.2433



15.3178, 0.3263, 0.3191



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.



26.2480, 0.3609, 0.2994



41.3527, 0.3754, 0.2930



28.0001, 0.3830, 0.3421



9.0627, 0.3234, 0.3210



7.2933, 0.5545, 0.2828



0.2691, 0.4817, 0.2427

Inverse Universe

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



26.2480, 0.3609, 0.2994



41.3527, 0.3754, 0.2930



37.8916, 0.2650, 0.3154



9.0627, 0.3234, 0.3210



7.2933, 0.5545, 0.2828



0.2691, 0.4817, 0.2427

Previews

White Background



This preview shows how the Yxy color 26.2468, 0.3609, 0.2994 looks on a white background.

Color Contrast Check

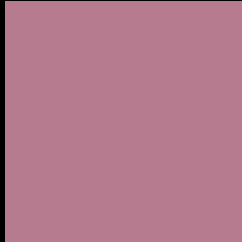
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2468, 0.3609, 0.2994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

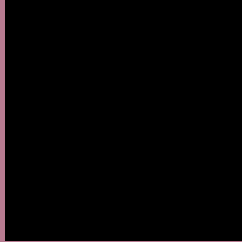
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.2468, 0.3609, 0.2994

Background



This preview shows how black text looks on a background with the Yxy color 26.2468, 0.3609, 0.2994.



This preview shows how white text looks on a background with the Yxy color 26.2468, 0.3609, 0.2994.

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

26.2468, 0.3609, 0.2994

Protanopia

26.5782, 0.2980, 0.3063

Deuteranopia

26.3336, 0.3255, 0.3195



Tritanopia

26.3335, 0.3714, 0.3162

Trichromacy



Original Color

26.2468, 0.3609, 0.2994

Protanomaly

26.2208, 0.3195, 0.3041

Deuteranomaly

26.1083, 0.3378, 0.3107

Tritanomaly

26.1954, 0.3668, 0.3091

Monochromacy



Original Color

26.2468, 0.3609, 0.2994

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

26.8606, 0.3300, 0.3182

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2468, 0.3609, 0.2994 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(183, 123, 144)` looks like.

```
.text, #text, p{  
    color:rgb(183, 123, 144)  
}
```

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(183, 123, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 123, 144) }
```

Border

The CSS property to change the border of an element to Yxy 26.2468, 0.3609, 0.2994 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(183, 123, 144) }
```

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

```
.border{ border-color:rgb(183, 123, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 123, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 123, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 123, 144);  
box-shadow:4px 4px 4px 4px rgb(183, 123,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 26.2468, 0.3609, 0.2994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 123, 144) }
```

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

```
.background{ background-color: rgb(183,  
123, 144) }
```

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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