

Converting Colors

$Y_{xy}(26.0913, 0.3123, 0.2409)$

Have a look what the booklet for
Yxy(26.0913, 0.3123, 0.2409)
contains.

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Color

Yxy(26.1209, 0.3124, 0.2404)

Conversions

Conversions Part 1

Format	Color
Hex	B476B8
RGB	180, 118, 184
RGB Percent	71%, 46%, 72%
CMY	0.2943, 0.5371, 0.2785
CMYK	0.02, 0.36, 0.00, 0.28
HSL	296°, 32%, 59%
HSV	296°, 36%, 72%
XYZ	33.9441, 26.1209, 48.5910
YIQ	144.0620, 15.7660, 33.6700

Conversions

Conversions Part 2

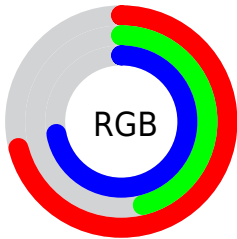
Format	Color
R _Y B	180, 118, 184
Decimal	11826872
CIE Lab	58.15, 35.12, -24.99
CIE LCh	58, 43.105, 324.568
Yxy	26.1209, 0.3124, 0.2404
Android (android.graphics.Color)	4290016952 (0xFFB476B8)
YUV	144.0620, 19.6894, 31.5176
Hunter-Lab	51.1086, 29.1119, -20.5933

Details

The Yxy color **26.1209, 0.3124, 0.2404** is a light color, and the websafe version is hex **996699**. A complement of this color would be **39.7243, 0.3109, 0.4342**, and the grayscale version is **27.8314, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.4216, 0.3136, 0.2569**, and **10.2086, 0.3100, 0.2143** is the 20% darker color. If you saturate the color by 10%, you get **22.0679, 0.3119, 0.2170**, and if you desaturate by 10%, it is **31.0225, 0.3127, 0.2651**.

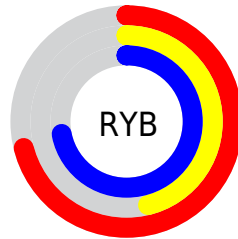
Distribution



Red (71%)

Green (46%)

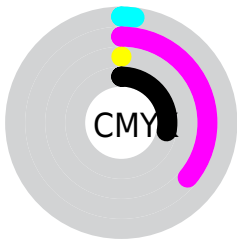
Blue (72%)



Red (71%)

Yellow (46%)

Blue (72%)

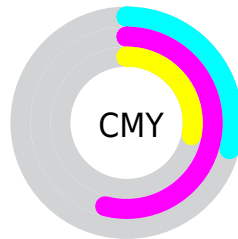


Cyan (2%)

Magenta (36%)

Yellow (0%)

Black (28%)



Cyan (29%)


Magenta (54%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.1209, 0.3124, 0.2404 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 26.1209, 0.3124, 0.2404 by changing the saturation by 10% instead.


 26.1209, 0.3124,
0.2404


 26.1209, 0.3124,
0.2404


283.3751, 0.3138,
0.2855


 16.9141, 0.3116,
0.2290


 53.4699, 0.3132,
0.2569

 10.1733, 0.3102,
0.2143


 72.3809, 0.3135,
0.2631

 5.5140, 0.3079,
0.1949


 95.2955, 0.3136,
0.2683

 2.5519, 0.3034,
0.1680

122.5980, 0.3137,
0.2727

 0.9025, 0.2940,
0.1293

154.6728, 0.3137,
0.2766

 0.0000, 0.2879,
0.0000

191.9043, 0.3138,

 0.0000, 0.0000,

0.2799

0.0000

234.6769, 0.3138,
0.2829

■ 26.1209, 0.3124,
0.2404

■ 26.1209, 0.3124,
0.2404

■ 22.0679, 0.3119,
0.2170

■ 31.0225, 0.3127,
0.2651

■ 18.8107, 0.3112,
0.1957

■ 36.8145, 0.3128,
0.2902

■ 16.2960, 0.3102,
0.1776


■ 43.5403, 0.3128,
0.3149


■ 14.4625, 0.3091,
0.1634


■ 51.2393, 0.3126,
0.3387

■ 13.2392, 0.3077,
0.1534


■ 59.9486, 0.3124,
0.3612


 12.5359, 0.3063,
0.1476

 69.7036, 0.3121,
0.3821

 12.3170, 0.3057,
0.1458

 80.5376, 0.3117,
0.4013

 85.7910, 0.3119,
0.4093

 85.9351, 0.3126,
0.4091

Harmonies

Analogous

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



26.1209, 0.2461, 0.2199



26.1209, 0.3124, 0.2404



26.1209, 0.3871, 0.2791

Triad

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



26.1209, 0.3124, 0.2404



26.1209, 0.4280, 0.4335



26.1209, 0.1971, 0.3071

Complementary

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



26.1209, 0.3124, 0.2404



39.7243, 0.3109, 0.4342

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.



26.1209, 0.2368, 0.3839



26.1209, 0.3124, 0.2404



26.1209, 0.3697, 0.4625

Square

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



26.1209, 0.3124, 0.2404



26.1209, 0.4570, 0.3836



26.1209, 0.2996, 0.4470



26.1209, 0.1861, 0.2500

Rectangle

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



26.1209, 0.3124, 0.2404



26.1209, 0.4281, 0.3117



26.1209, 0.2996, 0.4470



26.1209, 0.2072, 0.3317

Sweetspot

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



26.1220, 0.3124, 0.2404



72.2227, 0.3128, 0.3018



21.3372, 0.2496, 0.2301



15.2222, 0.3128, 0.2985



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.



26.1220, 0.3124, 0.2404



41.4526, 0.3120, 0.2218



25.5319, 0.3494, 0.2771



9.1341, 0.3128, 0.3064



8.5017, 0.3059, 0.1459



0.3082, 0.3100, 0.1481

Inverse Universe

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



24.5582, 0.3920, 0.3235



38.2395, 0.4188, 0.3223



40.2221, 0.2878, 0.3879



9.0209, 0.3278, 0.3276



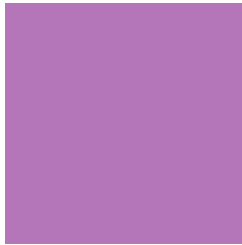
7.0439, 0.6322, 0.3256



0.2513, 0.6024, 0.3092

Previews

White Background



This preview shows how the Yxy color 26.1209, 0.3124, 0.2404 looks on a white background.

Color Contrast Check

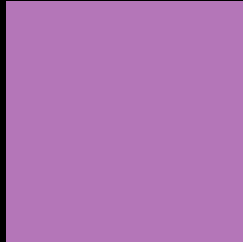
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1209, 0.3124, 0.2404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

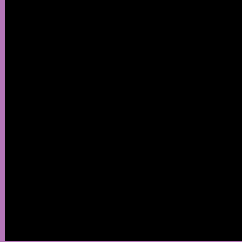
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.1209, 0.3124, 0.2404

Background



This preview shows how black text looks on a background with the Yxy color 26.1209, 0.3124, 0.2404.



This preview shows how white text looks on a background with the Yxy color 26.1209, 0.3124, 0.2404.

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

26.1209, 0.3124, 0.2404

Protanopia

26.3654, 0.2451, 0.2368

Deuteranopia

26.3778, 0.2682, 0.2636



Tritanopia

26.2432, 0.3573, 0.3158

Trichromacy



Original Color

26.1209, 0.3124, 0.2404

Protanomaly

25.8784, 0.2652, 0.2366

Deuteranomaly

25.9584, 0.2828, 0.2545

Tritanomaly

25.9785, 0.3405, 0.2859

Monochromacy



Original Color

26.1209, 0.3124, 0.2404

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

26.9992, 0.3123, 0.2925

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1209, 0.3124, 0.2404 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(180, 118, 184)` looks like.

```
.text, #text, p{  
    color:rgb(180, 118, 184)  
}
```

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(180, 118, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 118, 184) }
```

Border

The CSS property to change the border of an element to Yxy 26.1209, 0.3124, 0.2404 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(180, 118, 184) }
```

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

```
.border{ border-color:rgb(180, 118, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 118, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 118, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 118, 184);  
box-shadow:4px 4px 4px 4px rgb(180, 118,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1209, 0.3124, 0.2404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 118, 184) }
```

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

```
.background{ background-color: rgb(180,  
118, 184) }
```

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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