

Converting Colors

Yxy(26.1548, 0.3041, 0.2423)

Have a look what the booklet for
Yxy(26.1548, 0.3041, 0.2423)
contains.

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Color

Yxy(26.0618, 0.3037, 0.2411)

Conversions

Conversions Part 1

Format	Color
Hex	AD79B9
RGB	173, 121, 185
RGB Percent	68%, 47%, 73%
CMY	0.3216, 0.5255, 0.2745
CMYK	0.06, 0.35, 0.00, 0.27
HSL	289°, 31%, 60%
HSV	289°, 35%, 73%
XYZ	32.8286, 26.0618, 49.2050
YIQ	143.8440, 10.4480, 30.9280

Conversions

Conversions Part 2

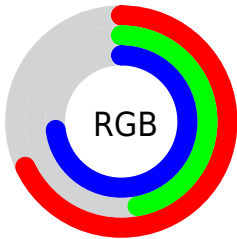
Format	Color
RYB	173, 121, 185
Decimal	11368889
CIELab	58.10, 31.43, -25.73
CIELCh	58, 40.620, 320.702
Yxy	26.0618, 0.3037, 0.2411
Android (android.graphics.Color)	4289558969 (0xFFAD79B9)
YUV	143.8440, 20.2899, 25.5698
Hunter-Lab	51.0508, 25.4469, -21.4108

Details

The Yxy color **26.0618, 0.3037, 0.2411** is a light color, and the websafe version is hex **996699**. A complement of this color would be **41.0709, 0.3176, 0.4280**, and the grayscale version is **27.7384, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.2810, 0.3063, 0.2577**, and **10.1655, 0.2990, 0.2146** is the 20% darker color. If you saturate the color by 10%, you get **21.5985, 0.3000, 0.2157**, and if you desaturate by 10%, it is **31.4000, 0.3069, 0.2671**.

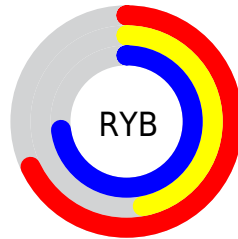
Distribution



Red (68%)

Green (47%)

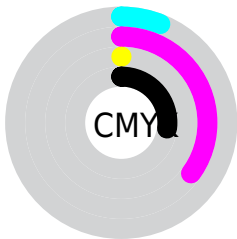
Blue (73%)



Red (68%)

Yellow (47%)

Blue (73%)

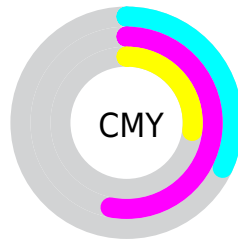


Cyan (6%)

Magenta (35%)

Yellow (0%)

Black (27%)



Cyan (32%)


Magenta (53%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.0618, 0.3037, 0.2411 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 26.0618, 0.3037, 0.2411 by changing the saturation by 10% instead.


 26.0618, 0.3037,
0.2411


 26.0618, 0.3037,
0.2411


283.0853, 0.3097,
0.2860


 16.8699, 0.3017,
0.2297


 53.3746, 0.3063,
0.2576

 10.1418, 0.2987,
0.2150


 72.2643, 0.3071,
0.2637

 5.4931, 0.2941,
0.1955


 95.1554, 0.3078,
0.2689

 2.5394, 0.2864,
0.1685

122.4323, 0.3083,
0.2733

 0.8963, 0.2720,
0.1295

154.4793, 0.3088,
0.2771

 0.0000, 0.2496,
0.0000

191.6809, 0.3091,

 0.0000, 0.0000,

0.2805

0.0000

234.4214, 0.3094,
0.2834

■ 26.0618, 0.3037,
0.2411

■ 26.0618, 0.3037,
0.2411

■ 21.5985, 0.3000,
0.2157

■ 31.4000, 0.3069,
0.2671

■ 17.9571, 0.2958,
0.1920

■ 37.6552, 0.3096,
0.2930

■ 15.0842, 0.2912,
0.1709


■ 44.8711, 0.3118,
0.3179

■ 12.9186, 0.2864,
0.1535


■ 53.0874, 0.3136,
0.3416


■ 11.3897, 0.2814,
0.1404


■ 62.3414, 0.3150,
0.3636

 10.4120, 0.2765,
0.1318

 72.6689, 0.3161,
0.3839

 10.0151, 0.2738,
0.1282

 84.1036, 0.3168,
0.4025

 87.4095, 0.3186,
0.4063

 87.8955, 0.3208,
0.4058

Harmonies

Analogous

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



26.0618, 0.2430, 0.2241



26.0618, 0.3037, 0.2411



26.0618, 0.3743, 0.2762

Triad

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



26.0618, 0.3037, 0.2411



26.0618, 0.4277, 0.4233



26.0618, 0.2064, 0.3176

Complementary

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



26.0618, 0.3037, 0.2411



41.0709, 0.3176, 0.4280

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.



26.0618, 0.2478, 0.3898



26.0618, 0.3037, 0.2411



26.0618, 0.3754, 0.4534

Square

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



26.0618, 0.3037, 0.2411



26.0618, 0.4498, 0.3751



26.0618, 0.3094, 0.4442



26.0618, 0.1921, 0.2601

Rectangle

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



26.0618, 0.3037, 0.2411



26.0618, 0.4151, 0.3067



26.0618, 0.3094, 0.4442



26.0618, 0.2173, 0.3413

Sweetspot

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



26.0629, 0.3037, 0.2411



72.9435, 0.3107, 0.3042



24.5646, 0.2539, 0.2481



15.3436, 0.3104, 0.3007



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.



26.0629, 0.3037, 0.2411



40.0883, 0.3007, 0.2205



26.7373, 0.3377, 0.2679



9.0753, 0.3109, 0.3063



6.8481, 0.2744, 0.1285



0.2637, 0.2871, 0.1355

Inverse Universe

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



25.6850, 0.3778, 0.3122



39.4114, 0.4007, 0.3082



40.6674, 0.2945, 0.3994



9.0390, 0.3259, 0.3247



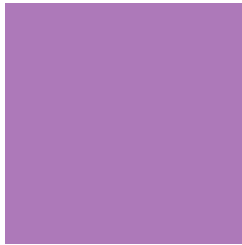
7.1128, 0.6079, 0.3123



0.2591, 0.5401, 0.2749

Previews

White Background



This preview shows how the Yxy color 26.0618, 0.3037, 0.2411 looks on a white background.

Color Contrast Check

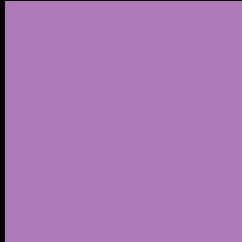
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0618, 0.3037, 0.2411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

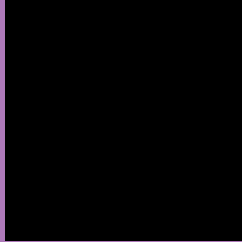
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.0618, 0.3037, 0.2411

Background



This preview shows how black text looks on a background with the Yxy color 26.0618, 0.3037, 0.2411.



This preview shows how white text looks on a background with the Yxy color 26.0618, 0.3037, 0.2411.

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

26.0618, 0.3037, 0.2411

Protanopia

26.3191, 0.2457, 0.2381

Deuteranopia

26.3797, 0.2657, 0.2607



Tritanopia

26.0742, 0.3450, 0.3139

Trichromacy



Original Color

26.0618, 0.3037, 0.2411

Protanomaly

25.9282, 0.2643, 0.2388

Deuteranomaly

26.0324, 0.2782, 0.2527

Tritanomaly

26.0141, 0.3296, 0.2863

Monochromacy



Original Color

26.0618, 0.3037, 0.2411

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.0801, 0.3100, 0.2938

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0618, 0.3037, 0.2411 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(173, 121, 185)` looks like.

```
.text, #text, p{  
    color:rgb(173, 121, 185)  
}
```

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(173, 121, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 121, 185) }
```

Border

The CSS property to change the border of an element to Yxy 26.0618, 0.3037, 0.2411 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(173, 121, 185) }
```

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

```
.border{ border-color:rgb(173, 121, 185) }
```

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

Here you see how a box with a 4 pixel rgb(173, 121, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 121, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 121, 185);  
box-shadow:4px 4px 4px 4px rgb(173, 121,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0618, 0.3037, 0.2411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 121, 185) }
```

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

```
.background{ background-color: rgb(173,  
121, 185) }
```

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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