

Converting Colors

$Y_{xy}(26.1755, 0.3084, 0.2323)$

Have a look what the booklet for
Yxy(26.1755, 0.3084, 0.2323)
contains.

Yxy(26.1536, 0.3085, 0.2316)	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(26.1536, 0.3085, 0.2316)

Conversions

Conversions Part 1

Format	Color
Hex	B674BE
RGB	182, 116, 190
RGB Percent	71%, 45%, 75%
CMY	0.2861, 0.5452, 0.2548
CMYK	0.04, 0.39, 0.00, 0.25
HSL	294°, 36%, 60%
HSV	294°, 39%, 75%
XYZ	34.8376, 26.1536, 51.9345
YIQ	144.1700, 15.5820, 37.0060

Conversions

Conversions Part 2

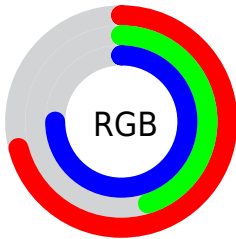
Format	Color
RYB	182, 116, 190
Decimal	11957438
CIELab	58.18, 38.07, -28.36
CIELCh	58, 47.478, 323.315
Yxy	26.1536, 0.3085, 0.2316
Android (android.graphics.Color)	4290147518 (0xFFB674BE)
YUV	144.1700, 22.5942, 33.1769
Hunter-Lab	51.1406, 32.1003, -24.4121

Details

The Yxy color **26.1536, 0.3085, 0.2316** is a light color, and the websafe version is hex **996699**. A complement of this color would be **42.3760, 0.3132, 0.4443**, and the grayscale version is **27.8651, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.4421, 0.3099, 0.2488**, and **10.2632, 0.3057, 0.2052** is the 20% darker color. If you saturate the color by 10%, you get **21.9661, 0.3067, 0.2080**, and if you desaturate by 10%, it is **31.2429, 0.3100, 0.2566**.

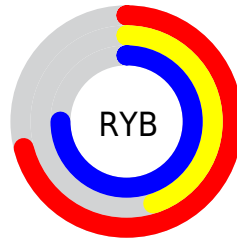
Distribution



Red (71%)

Green (45%)

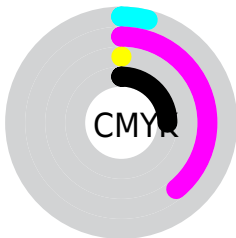
Blue (75%)



Red (71%)

Yellow (45%)

Blue (75%)

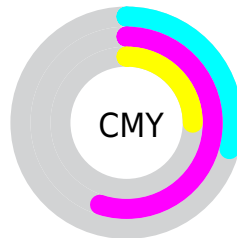


Cyan (4%)

Magenta (39%)

Yellow (0%)

Black (25%)



Cyan (29%)


Magenta (55%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.1536, 0.3085, 0.2316 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 26.1536, 0.3085, 0.2316 by changing the saturation by 10% instead.


 26.1536, 0.3085,
0.2316

 26.1536, 0.3085,
0.2316


283.5353, 0.3122,
0.2807


 16.9386, 0.3070,
0.2194


 53.5226, 0.3103,
0.2495

 10.1907, 0.3047,
0.2038


 72.4454, 0.3108,
0.2562

 5.5256, 0.3010,
0.1833


 95.3730, 0.3112,
0.2618

 2.5588, 0.2944,
0.1554

122.6896, 0.3115,
0.2667

 0.9060, 0.2818,
0.1165

154.7798, 0.3118,
0.2709

 0.0000, 0.2691,
0.0000

192.0279, 0.3120,

 0.0000, 0.0000,

0.2746

0.0000

234.8182, 0.3121,
0.2778

■ 26.1536, 0.3085,
0.2316

■ 26.1536, 0.3085,
0.2316

■ 21.9661, 0.3067,
0.2080

■ 31.2429, 0.3100,
0.2566

■ 18.6219, 0.3045,
0.1868

■ 37.2809, 0.3112,
0.2821

■ 16.0612, 0.3022,
0.1689

■ 44.3154, 0.3121,
0.3072

■ 14.2146, 0.2996,
0.1550

■ 52.3899, 0.3128,
0.3315

■ 13.0007, 0.2969,
0.1455

■ 61.5454, 0.3132,
0.3544

■ 12.2784, 0.2941,
0.1398

■ 71.8206, 0.3134,
0.3757

■ 12.2117, 0.2938,
0.1392

■ 83.2523, 0.3135,
0.3953

■ 87.3014, 0.3144,
0.4010

■ 87.5824, 0.3157,
0.4007

Harmonies

Analogous

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



26.1536, 0.2373, 0.2104



26.1536, 0.3085, 0.2316



26.1536, 0.3911, 0.2723

Triad

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



26.1536, 0.3085, 0.2316



26.1536, 0.4399, 0.4396



26.1536, 0.1881, 0.3072

Complementary

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



26.1536, 0.3085, 0.2316



42.3760, 0.3132, 0.4443

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.



26.1536, 0.2316, 0.3933



26.1536, 0.3085, 0.2316



26.1536, 0.3766, 0.4752

Square

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



26.1536, 0.3085, 0.2316



26.1536, 0.4711, 0.3841



26.1536, 0.3004, 0.4623



26.1536, 0.1755, 0.2440

Rectangle

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



26.1536, 0.3085, 0.2316



26.1536, 0.4374, 0.3070



26.1536, 0.3004, 0.4623



26.1536, 0.1992, 0.3347

Sweetspot

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



26.1547, 0.3085, 0.2316



75.9677, 0.3119, 0.2992



22.0020, 0.2439, 0.2257



16.3060, 0.3117, 0.2959



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.1547, 0.3085, 0.2316



40.6262, 0.3069, 0.2107



26.0320, 0.3493, 0.2677



9.6426, 0.3121, 0.3063



8.1396, 0.2942, 0.1394



0.3340, 0.3010, 0.1432

Inverse Universe

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



24.8907, 0.3978, 0.3182



38.0984, 0.4280, 0.3159



42.5695, 0.2884, 0.4002



9.5526, 0.3272, 0.3266



7.3199, 0.6255, 0.3219



0.2924, 0.5801, 0.2969

Previews

White Background



This preview shows how the Yxy color 26.1536, 0.3085, 0.2316 looks on a white background.

Color Contrast Check

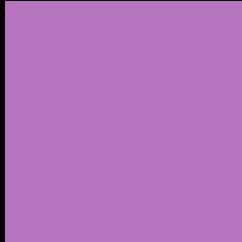
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1536, 0.3085, 0.2316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

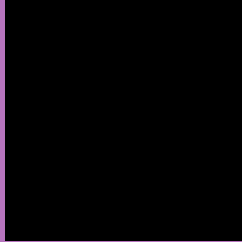
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.1536, 0.3085, 0.2316

Background



This preview shows how black text looks on a background with the Yxy color 26.1536, 0.3085, 0.2316.



This preview shows how white text looks on a background with the Yxy color 26.1536, 0.3085, 0.2316.

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

26.1536, 0.3085, 0.2316

Protanopia

26.4639, 0.2370, 0.2265

Deuteranopia

26.3893, 0.2609, 0.2549



Tritanopia

26.0988, 0.3588, 0.3144

Trichromacy



Original Color

26.1536, 0.3085, 0.2316

Protanomaly

25.8450, 0.2588, 0.2266

Deuteranomaly

25.8490, 0.2765, 0.2451

Tritanomaly

26.0312, 0.3407, 0.2820

Monochromacy



Original Color

26.1536, 0.3085, 0.2316

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

26.8925, 0.3114, 0.2881

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1536, 0.3085, 0.2316 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(182, 116, 190)` looks like.

```
.text, #text, p{  
    color:rgb(182, 116, 190)  
}
```

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(182, 116, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 116, 190) }
```

Border

The CSS property to change the border of an element to Yxy 26.1536, 0.3085, 0.2316 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(182, 116, 190) }
```

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

```
.border{ border-color:rgb(182, 116, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 116, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 116, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 116, 190);  
box-shadow:4px 4px 4px 4px rgb(182, 116,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1536, 0.3085, 0.2316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 116, 190) }
```

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

```
.background{ background-color: rgb(182,  
116, 190) }
```

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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