

Converting Colors

$Y_{xy}(26.0934, 0.3387, 0.2441)$

Have a look what the booklet for
Yxy(26.0934, 0.3387, 0.2441)
contains.

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Color

Yxy(26.0619, 0.3389, 0.2435)

Conversions

Conversions Part 1

Format	Color
Hex	C46EB1
RGB	196, 110, 177
RGB Percent	77%, 43%, 69%
CMY	0.2314, 0.5686, 0.3060
CMYK	0.00, 0.44, 0.10, 0.23
HSL	313°, 42%, 60%
HSV	313°, 44%, 77%
XYZ	36.2726, 26.0619, 44.6959
YIQ	143.3520, 29.7490, 39.0690

Conversions

Conversions Part 2

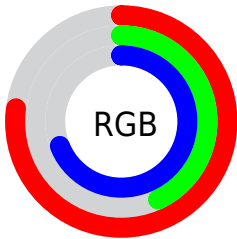
Format	Color
R_{YB}	196, 110, 177
Decimal	12873393
CIE _{Lab}	58.10, 43.30, -20.89
CIE _{LCh}	58, 48.071, 334.246
Yxy	26.0619, 0.3389, 0.2435
Android (android.graphics.Color)	4291063473 (0xFFC46EB1)
YUV	143.3520, 16.5885, 46.1723
Hunter-Lab	51.0509, 37.4886, -16.1738

Details

The Yxy color **26.0619, 0.3389, 0.2435** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **44.3792, 0.2947, 0.4339**, and the grayscale version is **27.5406, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.5049, 0.3340, 0.2595**, and **10.0568, 0.3457, 0.2177** is the 20% darker color. If you saturate the color by 10%, you get **22.1204, 0.3469, 0.2259**, and if you desaturate by 10%, it is **30.9466, 0.3316, 0.2627**.

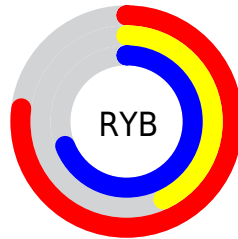
Distribution



Red (77%)

Green (43%)

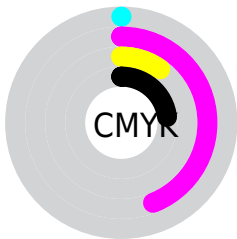
Blue (69%)



Red (77%)

Yellow (43%)

Blue (69%)

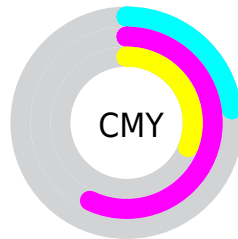


Cyan (0%)

Magenta (44%)

Yellow (10%)

Black (23%)



Cyan (23%)


Magenta (57%)


Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.0619, 0.3389, 0.2435 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 26.0619, 0.3389, 0.2435 by changing the saturation by 10% instead.


 26.0619, 0.3389,
0.2435


 26.0619, 0.3389,
0.2435


283.0858, 0.3260,
0.2870


 16.8700, 0.3420,
0.2325


 53.3748, 0.3343,
0.2594

 10.1418, 0.3459,
0.2183


 72.2645, 0.3325,
0.2654

 5.4931, 0.3508,
0.1994


 95.1556, 0.3311,
0.2704

 2.5394, 0.3572,
0.1732

 122.4325, 0.3298,
0.2747

 0.8963, 0.3654,
0.1352

154.4796, 0.3286,
0.2784

 0.0000, 0.4055,
0.0000

191.6812, 0.3277,

 0.0000, 0.0000,

0.2816

0.0000

234.4218, 0.3268,
0.2845

■ 26.0619, 0.3389,
0.2435

■ 26.0619, 0.3389,
0.2435

■ 22.1204, 0.3469,
0.2259

■ 30.9466, 0.3316,
0.2627

■ 19.0562, 0.3554,
0.2110

■ 36.8276, 0.3251,
0.2826

■ 16.8003, 0.3641,
0.1996


■ 43.7583, 0.3194,
0.3024


■ 15.2722, 0.3729,
0.1925

■ 51.7873, 0.3144,
0.3218


■ 14.3743, 0.3814,
0.1901


■ 60.9601, 0.3102,
0.3402

 14.0223, 0.3865,
0.1903

 71.3197, 0.3066,
0.3574

 82.9067, 0.3036,
0.3735

 87.9915, 0.3011,
0.3765

 88.2130, 0.2987,
0.3716

Harmonies

Analogous

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



26.0619, 0.2599, 0.2143



26.0619, 0.3389, 0.2435



26.0619, 0.4196, 0.2902

Triad

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



26.0619, 0.3389, 0.2435



26.0619, 0.4207, 0.4578



26.0619, 0.1784, 0.2797

Complementary

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



26.0619, 0.3389, 0.2435



44.3792, 0.2947, 0.4339

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.



26.0619, 0.2110, 0.3615



26.0619, 0.3389, 0.2435



26.0619, 0.3496, 0.4796

Square

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



26.0619, 0.3389, 0.2435



26.0619, 0.4665, 0.4058



26.0619, 0.2727, 0.4442



26.0619, 0.1768, 0.2278

Rectangle

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



26.0619, 0.3389, 0.2435



26.0619, 0.4574, 0.3272



26.0619, 0.2727, 0.4442



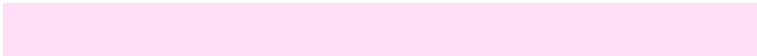
26.0619, 0.1858, 0.3043

Sweetspot

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



26.0631, 0.3389, 0.2435



80.1794, 0.3190, 0.3038



19.7797, 0.2477, 0.1997



16.5165, 0.3202, 0.2993



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



26.0631, 0.3389, 0.2435



40.0981, 0.3468, 0.2260



24.6218, 0.3935, 0.2966



10.2081, 0.3171, 0.3112



9.0239, 0.3854, 0.1897



0.3996, 0.3683, 0.1803

Inverse Universe

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



26.0631, 0.3389, 0.2435



40.0981, 0.3468, 0.2260



45.7575, 0.2681, 0.3653



10.2081, 0.3171, 0.3112



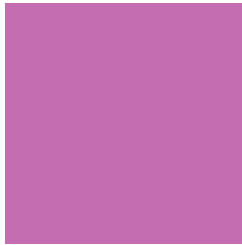
9.0239, 0.3854, 0.1897



0.3996, 0.3683, 0.1803

Previews

White Background



This preview shows how the Yxy color 26.0619, 0.3389, 0.2435 looks on a white background.

Color Contrast Check

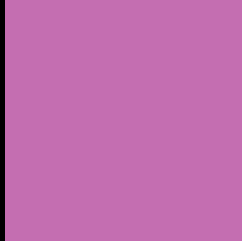
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0619, 0.3389, 0.2435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

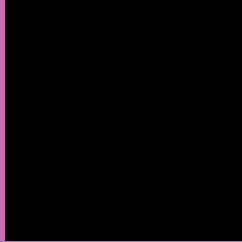
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.0619, 0.3389, 0.2435

Background



This preview shows how black text looks on a background with the Yxy color 26.0619, 0.3389, 0.2435.



This preview shows how white text looks on a background with the Yxy color 26.0619, 0.3389, 0.2435.

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

26.0619, 0.3389, 0.2435

Protanopia

26.3917, 0.2465, 0.2382

Deuteranopia

26.1882, 0.2795, 0.2740



Tritanopia

25.9651, 0.3893, 0.3167

Trichromacy



Original Color

26.0619, 0.3389, 0.2435



Protanomaly

25.5456, 0.2747, 0.2386



Deuteranomaly

25.5038, 0.2985, 0.2596



Tritanomaly

25.7726, 0.3712, 0.2884

Monochromacy



Original Color

26.0619, 0.3389, 0.2435



Achromatopsia

27.4677, 0.3127, 0.3290



Achromatomaly

26.2805, 0.3223, 0.2927

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0619, 0.3389, 0.2435 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(196, 110, 177)` looks like.

```
.text, #text, p{  
    color:rgb(196, 110, 177)  
}
```

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(196, 110, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 110, 177) }
```

Border

The CSS property to change the border of an element to Yxy 26.0619, 0.3389, 0.2435 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(196, 110, 177) }
```

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

```
.border{ border-color:rgb(196, 110, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 110, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 110, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 110, 177);  
box-shadow:4px 4px 4px 4px rgb(196, 110,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0619, 0.3389, 0.2435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 110, 177) }
```

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

```
.background{ background-color: rgb(196,  
110, 177) }
```

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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