

Converting Colors

$Y_{xy}(26.8655, 0.3202, 0.2305)$

Have a look what the booklet for
Yxy(26.8655, 0.3202, 0.2305)
contains.

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Color

Yxy(26.9093, 0.3196, 0.2305)

Conversions

Conversions Part 1

Format	Color
Hex	C171BF
RGB	193, 113, 191
RGB Percent	76%, 44%, 75%
CMY	0.2429, 0.5570, 0.2509
CMYK	0.00, 0.41, 0.01, 0.24
HSL	302°, 39%, 60%
HSV	302°, 41%, 76%
XYZ	37.3111, 26.9093, 52.5228
YIQ	145.8120, 22.6420, 41.2180

Conversions

Conversions Part 2

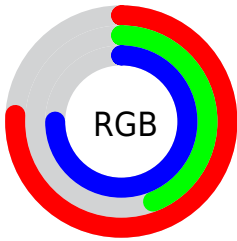
Format	Color
R_{YB}	193, 113, 191
Decimal	12677567
CIE _{Lab}	58.89, 43.30, -27.73
CIE _{LCh}	59, 51.419, 327.362
Yxy	26.9093, 0.3196, 0.2305
Android (android.graphics.Color)	4290867647 (0xFFC171BF)
YUV	145.8120, 22.2777, 41.3839
Hunter-Lab	51.8742, 37.6084, -23.7194

Details

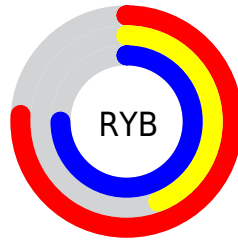
The Yxy color **26.9093, 0.3196, 0.2305** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **42.9085, 0.3055, 0.4523**, and the grayscale version is **28.5637, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.9240, 0.3190, 0.2483**, and **10.6547, 0.3202, 0.2040** is the 20% darker color. If you saturate the color by 10%, you get **23.0311, 0.3213, 0.2095**, and if you desaturate by 10%, it is **31.7060, 0.3179, 0.2535**.

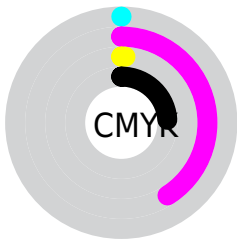
Distribution



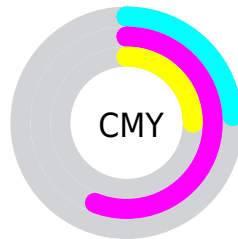
- Red (76%)
- Green (44%)
- Blue (75%)



- Red (76%)
- Yellow (44%)
- Blue (75%)



- Cyan (0%)
- Magenta (41%)
- Yellow (1%)
- Black (24%)





- Cyan (24%)
- Magenta (56%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.9093, 0.3196, 0.2305 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 26.9093, 0.3196, 0.2305 by changing the saturation by 10% instead.


 26.9093, 0.3196,
0.2305


 26.9093, 0.3196,
0.2305


287.2177, 0.3175,
0.2798


 17.5051, 0.3196,
0.2184


 54.7383, 0.3192,
0.2483


 10.5953, 0.3194,
0.2029


 73.9319, 0.3189,
0.2550

 5.7954, 0.3184,
0.1828


 97.1574, 0.3187,
0.2607

 2.7211, 0.3160,
0.1556

 124.7992, 0.3184,
0.2656

 0.9879, 0.3097,
0.1178

157.2418, 0.3182,
0.2699

 0.0000, 0.3129,
0.0000

194.8695, 0.3179,

 0.0000, 0.0000,

0.2736

0.0000

238.0666, 0.3177,
0.2768

■ 26.9093, 0.3196,
0.2305

■ 26.9093, 0.3196,
0.2305

■ 23.0311, 0.3213,
0.2095

■ 31.7060, 0.3179,
0.2535

■ 20.0092, 0.3229,
0.1913

■ 37.4712, 0.3161,
0.2776

■ 17.7793, 0.3244,
0.1768


■ 44.2552, 0.3145,
0.3018


■ 16.2668, 0.3256,
0.1665


■ 52.1042, 0.3129,
0.3256

■ 15.3826, 0.3267,
0.1604


■ 61.0613, 0.3115,
0.3483

 14.9804, 0.3274,
0.1577

 71.1673, 0.3102,
0.3697

 82.4609, 0.3090,
0.3896

 86.8013, 0.3084,
0.3960

 86.8236, 0.3082,
0.3954

Harmonies

Analogous

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



26.9093, 0.2410, 0.2051



26.9093, 0.3196, 0.2305



26.9093, 0.4078, 0.2755

Triad

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



26.9093, 0.3196, 0.2305



26.9093, 0.4397, 0.4526



26.9093, 0.1767, 0.2937

Complementary

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



26.9093, 0.3196, 0.2305



42.9085, 0.3055, 0.4523

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.



26.9093, 0.2178, 0.3853



26.9093, 0.3196, 0.2305



26.9093, 0.3690, 0.4877

Square

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



26.9093, 0.3196, 0.2305



26.9093, 0.4798, 0.3942



26.9093, 0.2878, 0.4664



26.9093, 0.1681, 0.2316

Rectangle

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



26.9093, 0.3196, 0.2305



26.9093, 0.4544, 0.3127



26.9093, 0.2878, 0.4664



26.9093, 0.1867, 0.3221

Sweetspot

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



26.9105, 0.3196, 0.2305



78.2938, 0.3146, 0.3001



19.2553, 0.2375, 0.2032



16.4352, 0.3148, 0.2969



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.



26.9105, 0.3196, 0.2305



41.6581, 0.3212, 0.2108



25.4049, 0.3660, 0.2772



10.2430, 0.3142, 0.3069



9.9600, 0.3273, 0.1577



0.4318, 0.3258, 0.1568

Inverse Universe

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



26.9105, 0.3196, 0.2305



41.6581, 0.3212, 0.2108



44.0150, 0.2802, 0.3884



10.2430, 0.3142, 0.3069



9.9600, 0.3273, 0.1577



0.4318, 0.3258, 0.1568

Previews

White Background



This preview shows how the Yxy color 26.9093, 0.3196, 0.2305 looks on a white background.

Color Contrast Check

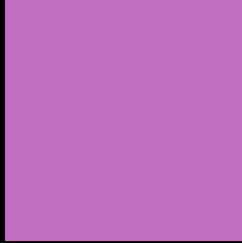
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9093, 0.3196, 0.2305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

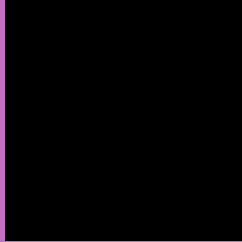
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.9093, 0.3196, 0.2305

Background



This preview shows how black text looks on a background with the Yxy color 26.9093, 0.3196, 0.2305.



This preview shows how white text looks on a background with the Yxy color 26.9093, 0.3196, 0.2305.

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

26.9093, 0.3196, 0.2305

Protanopia

27.2915, 0.2345, 0.2238

Deuteranopia

27.2069, 0.2638, 0.2586



Tritanopia

26.8556, 0.3749, 0.3151

Trichromacy



Original Color

26.9093, 0.3196, 0.2305



Protanomaly

26.3446, 0.2601, 0.2242



Deuteranomaly

26.4661, 0.2815, 0.2452



Tritanomaly

26.8601, 0.3551, 0.2827

Monochromacy



Original Color

26.9093, 0.3196, 0.2305



Achromatopsia

28.7441, 0.3127, 0.3290



Achromatomaly

27.4454, 0.3158, 0.2874

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9093, 0.3196, 0.2305 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(193, 113, 191)` looks like.

```
.text, #text, p{  
    color:rgb(193, 113, 191)  
}
```

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(193, 113, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 113, 191) }
```

Border

The CSS property to change the border of an element to Yxy 26.9093, 0.3196, 0.2305 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(193, 113, 191) }
```

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

```
.border{ border-color:rgb(193, 113, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 113, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 113, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 113, 191);  
box-shadow:4px 4px 4px 4px rgb(193, 113,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9093, 0.3196, 0.2305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 113, 191) }
```

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

```
.background{ background-color: rgb(193,  
113, 191) }
```

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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