

Converting Colors

$Y_{xy}(26.1100, 0.3977, 0.3092)$

Have a look what the booklet for
Yxy(26.1100, 0.3977, 0.3092)
contains.

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Color

Yxy(26.1352, 0.3979, 0.3093)

Conversions

Conversions Part 1

Format	Color
Hex	C67483
RGB	198, 116, 131
RGB Percent	78%, 45%, 51%
CMY	0.2237, 0.5450, 0.4863
CMYK	0.00, 0.41, 0.34, 0.22
HSL	349°, 42%, 62%
HSV	349°, 41%, 78%
XYZ	33.6217, 26.1352, 24.7410
YIQ	142.2280, 44.0570, 22.0490

Conversions

Conversions Part 2

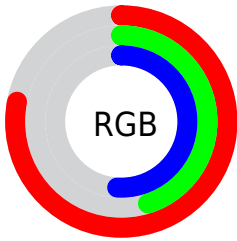
Format	Color
R _Y B	198, 116, 131
Decimal	13005955
CIE Lab	58.17, 33.94, 5.83
CIE LCh	58, 34.434, 9.743
Yxy	26.1352, 0.3979, 0.3093
Android (android.graphics.Color)	4291196035 (0xFFC67483)
YUV	142.2280, -5.5354, 48.9120
Hunter-Lab	51.1226, 27.9293, 7.0922

Details

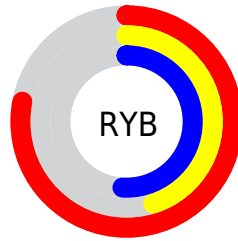
The Yxy color **26.1352, 0.3979, 0.3093** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **47.5026, 0.2652, 0.3505**, and the grayscale version is **27.1559, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.0966, 0.3783, 0.3134**, and **10.2564, 0.4293, 0.3010** is the 20% darker color. If you saturate the color by 10%, you get **21.6422, 0.4309, 0.3051**, and if you desaturate by 10%, it is **31.6717, 0.3703, 0.3141**.

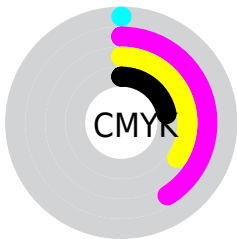
Distribution



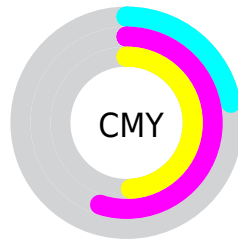
- Red (78%)
- Green (45%)
- Blue (51%)



- Red (78%)
- Yellow (45%)
- Blue (51%)



- Cyan (0%)
- Magenta (41%)
- Yellow (34%)
- Black (22%)





- Cyan (22%)
- Magenta (55%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.1352, 0.3979, 0.3093 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 26.1352, 0.3979, 0.3093 by changing the saturation by 10% instead.


 26.1352, 0.3979,
0.3093


 26.1352, 0.3979,
0.3093


283.4451, 0.3510,
0.3208


 16.9248, 0.4112,
0.3057


 53.4930, 0.3797,
0.3140

 10.1809, 0.4294,
0.3007


 72.4092, 0.3732,
0.3156

 5.5191, 0.4556,
0.2931

 95.3294, 0.3679,
0.3169

 2.5549, 0.4964,
0.2803

122.6381, 0.3634,
0.3179

 0.9041, 0.5749,
0.2595

154.7196, 0.3596,
0.3188

 0.0000, 1.0000,
0.0000

191.9583, 0.3563,

 0.0000, 0.0000,

0.3196

0.0000

234.7387, 0.3535,
0.3203

■ 26.1352, 0.3979,
0.3093

■ 26.1352, 0.3979,
0.3093

■ 21.6422, 0.4309,
0.3051

■ 31.6717, 0.3703,
0.3141

■ 18.1234, 0.4690,
0.3022

■ 38.3077, 0.3477,
0.3191

■ 15.5072, 0.5105,
0.3014


■ 46.0996, 0.3294,
0.3239


■ 13.7101, 0.5519,
0.3036


■ 55.0991, 0.3145,
0.3284

■ 12.6335, 0.5884,
0.3090

■ 65.3544, 0.3025,
0.3326

 12.1282, 0.6129,
0.3150

 76.9115, 0.2928,
0.3364

 89.8137, 0.2849,
0.3399

 90.7399, 0.2794,
0.3289

Harmonies

Analogous

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



26.1352, 0.3437, 0.2709



26.1352, 0.3979, 0.3093



26.1352, 0.4272, 0.3541

Triad

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



26.1352, 0.3979, 0.3093



26.1352, 0.3321, 0.4329



26.1352, 0.2126, 0.2507

Complementary

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



26.1352, 0.3979, 0.3093



47.5026, 0.2652, 0.3505

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.



26.1352, 0.2103, 0.2868



26.1352, 0.3979, 0.3093



26.1352, 0.2759, 0.3996

Square

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



26.1352, 0.3979, 0.3093



26.1352, 0.3858, 0.4290



26.1352, 0.2322, 0.3421



26.1352, 0.2384, 0.2376

Rectangle

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



26.1352, 0.3979, 0.3093



26.1352, 0.4274, 0.3838



26.1352, 0.2322, 0.3421



26.1352, 0.2092, 0.2602

Sweetspot

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



26.1365, 0.3979, 0.3093



80.4990, 0.3307, 0.3235



26.6330, 0.3015, 0.2234



16.8172, 0.3329, 0.3229



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.



26.1365, 0.3979, 0.3093



38.7954, 0.4286, 0.3053



32.6002, 0.4028, 0.3637



10.6680, 0.3261, 0.3248



7.9004, 0.6100, 0.3134



0.3840, 0.5542, 0.2827

Inverse Universe

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



26.1365, 0.3979, 0.3093



38.7954, 0.4286, 0.3053



37.3008, 0.2505, 0.2906



10.6680, 0.3261, 0.3248



7.9004, 0.6100, 0.3134



0.3840, 0.5542, 0.2827

Previews

White Background



This preview shows how the Yxy color 26.1352, 0.3979, 0.3093 looks on a white background.

Color Contrast Check

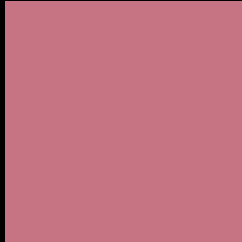
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1352, 0.3979, 0.3093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

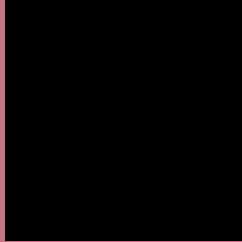
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.1352, 0.3979, 0.3093

Background



This preview shows how black text looks on a background with the Yxy color 26.1352, 0.3979, 0.3093.



This preview shows how white text looks on a background with the Yxy color 26.1352, 0.3979, 0.3093.

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

26.1352, 0.3979, 0.3093

Protanopia

26.5206, 0.3109, 0.3225

Deuteranopia

26.1556, 0.3468, 0.3402



Tritanopia

26.0993, 0.4029, 0.3172

Trichromacy



Original Color

26.1352, 0.3979, 0.3093

Protanomaly

25.7781, 0.3400, 0.3167

Deuteranomaly

25.9076, 0.3657, 0.3277

Tritanomaly

26.1514, 0.4003, 0.3145

Monochromacy



Original Color

26.1352, 0.3979, 0.3093

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.2914, 0.3407, 0.3213

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1352, 0.3979, 0.3093 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(198, 116, 131)` looks like.

```
.text, #text, p{  
    color:rgb(198, 116, 131)  
}
```

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(198, 116, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 116, 131) }
```

Border

The CSS property to change the border of an element to Yxy 26.1352, 0.3979, 0.3093 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(198, 116, 131) }
```

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

```
.border{ border-color:rgb(198, 116, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 116, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 116, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 116, 131);  
box-shadow:4px 4px 4px 4px rgb(198, 116,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1352, 0.3979, 0.3093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 116, 131) }
```

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

```
.background{ background-color: rgb(198,  
116, 131) }
```

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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