

Converting Colors

$Y_{xy}(26.4507, 0.3915, 0.3075)$

Have a look what the booklet for
Yxy(26.4507, 0.3915, 0.3075)
contains.

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Color

Yxy(26.5484, 0.3920, 0.3078)

Conversions

Conversions Part 1

Format	Color
Hex	C57686
RGB	197, 118, 134
RGB Percent	77%, 46%, 53%
CMY	0.2274, 0.5373, 0.4745
CMYK	0.00, 0.40, 0.32, 0.23
HSL	348°, 41%, 62%
HSV	348°, 40%, 77%
XYZ	33.8108, 26.5484, 25.8929
YIQ	143.4450, 41.9480, 21.7240

Conversions

Conversions Part 2

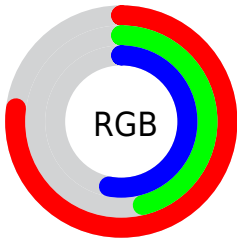
Format	Color
R_{YB}	197, 118, 134
Decimal	12940934
CIE _{Lab}	58.55, 32.92, 4.63
CIE _{LCh}	59, 33.248, 8.009
Yxy	26.5484, 0.3920, 0.3078
Android (android.graphics.Color)	4291131014 (0xFFC57686)
YUV	143.4450, -4.6564, 46.9677
Hunter-Lab	51.5251, 26.9628, 6.2726

Details

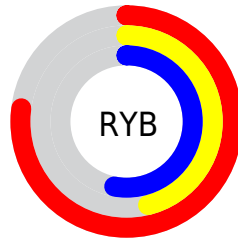
The Yxy color **26.5484, 0.3920, 0.3078** is a light color, and the websafe version is hex **996666**. A complement of this color would be **47.1302, 0.2673, 0.3521**, and the grayscale version is **27.6621, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.9737, 0.3749, 0.3124**, and **10.4528, 0.4200, 0.2988** is the 20% darker color. If you saturate the color by 10%, you get **21.9779, 0.4234, 0.3030**, and if you desaturate by 10%, it is **32.1557, 0.3658, 0.3132**.

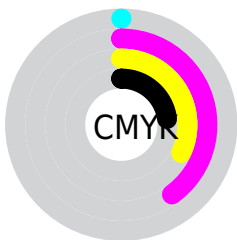
Distribution



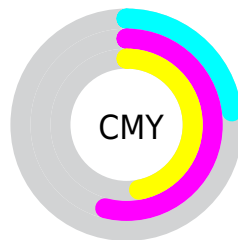
- Red (77%)
- Green (46%)
- Blue (53%)



- Red (77%)
- Yellow (46%)
- Blue (53%)



- Cyan (0%)
- Magenta (40%)
- Yellow (32%)
- Black (23%)




- Cyan (23%)
- Magenta (54%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.5484, 0.3920, 0.3078 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 26.5484, 0.3920, 0.3078 by changing the saturation by 10% instead.

 26.5484, 0.3920,
0.3078


 26.5484, 0.3920,
0.3078


285.4639, 0.3485,
0.3200


 17.2343, 0.4043,
0.3042


 54.1583, 0.3751,
0.3126

 10.4017, 0.4211,
0.2990


 73.2230, 0.3691,
0.3143

 5.6661, 0.4453,
0.2914


 96.3067, 0.3642,
0.3157

 2.6431, 0.4827,
0.2790

123.7938, 0.3600,
0.3168

 0.9484, 0.5510,
0.2572

156.0686, 0.3565,
0.3178

 0.0000, 1.0000,
0.0000


193.5157, 0.3534,

 0.0000, 0.0000,


0.3186


0.0000

236.5193, 0.3508,
0.3193


 26.5484, 0.3920,
0.3078


 26.5484, 0.3920,
0.3078


 21.9779, 0.4234,
0.3030


 32.1557, 0.3658,
0.3132


 18.3767, 0.4598,
0.2994


 38.8541, 0.3444,
0.3187


 15.6752, 0.5000,
0.2980


 46.6989, 0.3269,
0.3240

 13.7931, 0.5410,
0.2996

 55.7404, 0.3129,
0.3289


 12.6353, 0.5783,
0.3048

 66.0258, 0.3014,
0.3335

 12.0255, 0.6078,
0.3122

 77.6000, 0.2922,
0.3377

 89.9241, 0.2845,
0.3406

 90.6131, 0.2789,
0.3289

Harmonies

Analogous

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



26.5484, 0.3392, 0.2712



26.5484, 0.3920, 0.3078



26.5484, 0.4220, 0.3510

Triad

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



26.5484, 0.3920, 0.3078



26.5484, 0.3349, 0.4292



26.5484, 0.2154, 0.2551

Complementary

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



26.5484, 0.3920, 0.3078



47.1302, 0.2673, 0.3521

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.



26.5484, 0.2145, 0.2913



26.5484, 0.3920, 0.3078



26.5484, 0.2804, 0.3993

Square

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



26.5484, 0.3920, 0.3078



26.5484, 0.3859, 0.4241



26.5484, 0.2371, 0.3451



26.5484, 0.2391, 0.2410

Rectangle

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



26.5484, 0.3920, 0.3078



26.5484, 0.4236, 0.3797



26.5484, 0.2371, 0.3451



26.5484, 0.2125, 0.2648

Sweetspot

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



26.5497, 0.3920, 0.3078



80.5332, 0.3303, 0.3229



26.6789, 0.2992, 0.2258



16.8252, 0.3325, 0.3222



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.



26.5497, 0.3920, 0.3078



40.3729, 0.4188, 0.3036



32.0500, 0.4005, 0.3592



10.6715, 0.3258, 0.3243



7.9177, 0.6048, 0.3106



0.3855, 0.5466, 0.2785

Inverse Universe

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



26.5497, 0.3920, 0.3078



40.3729, 0.4188, 0.3036



38.3994, 0.2529, 0.2960



10.6715, 0.3258, 0.3243



7.9177, 0.6048, 0.3106



0.3855, 0.5466, 0.2785

Previews

White Background



This preview shows how the Yxy color 26.5484, 0.3920, 0.3078 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 26.5484, 0.3920, 0.3078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

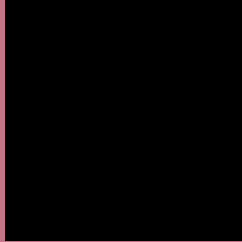
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.5484, 0.3920, 0.3078

Background



This preview shows how black text looks on a background with the Yxy color 26.5484, 0.3920, 0.3078.



This preview shows how white text looks on a background with the Yxy color 26.5484, 0.3920, 0.3078.

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

26.5484, 0.3920, 0.3078

Protanopia

26.6135, 0.3079, 0.3176

Deuteranopia

26.6179, 0.3443, 0.3370



Tritanopia

26.4879, 0.3982, 0.3171

Trichromacy



Original Color

26.5484, 0.3920, 0.3078

Protanomaly

26.1369, 0.3364, 0.3137

Deuteranomaly

26.2507, 0.3617, 0.3247

Tritanomaly

26.5411, 0.3956, 0.3144

Monochromacy



Original Color

26.5484, 0.3920, 0.3078

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

26.7302, 0.3394, 0.3199

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5484, 0.3920, 0.3078 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(197, 118, 134)` looks like.

```
.text, #text, p{  
    color:rgb(197, 118, 134)  
}
```

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(197, 118, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 118, 134) }
```

Border

The CSS property to change the border of an element to Yxy 26.5484, 0.3920, 0.3078 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(197, 118, 134) }
```

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

```
.border{ border-color:rgb(197, 118, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 118, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 118, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 118, 134);  
box-shadow:4px 4px 4px 4px rgb(197, 118,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5484, 0.3920, 0.3078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 118, 134) }
```

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

```
.background{ background-color: rgb(197,  
118, 134) }
```

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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