

Converting Colors

$Y_{xy}(26.7060, 0.3943, 0.3143)$

Have a look what the booklet for
Yxy(26.7060, 0.3943, 0.3143)
contains.

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Color

Yxy(26.8074, 0.3938, 0.3144)

Conversions

Conversions Part 1

Format	Color
Hex	C47883
RGB	196, 120, 131
RGB Percent	77%, 47%, 51%
CMY	0.2314, 0.5294, 0.4862
CMYK	0.00, 0.39, 0.33, 0.23
HSL	351°, 39%, 62%
HSV	351°, 39%, 77%
XYZ	33.5775, 26.8074, 24.8804
YIQ	143.9780, 41.7650, 19.5330

Conversions

Conversions Part 2

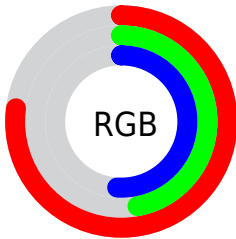
Format	Color
RYB	196, 120, 131
Decimal	12875907
CIELab	58.80, 31.06, 6.69
CIELCh	59, 31.776, 12.145
Yxy	26.8074, 0.3938, 0.3144
Android (android.graphics.Color)	4291065987 (0xFFC47883)
YUV	143.9780, -6.3982, 45.6233
Hunter-Lab	51.7759, 25.1523, 7.7519

Details

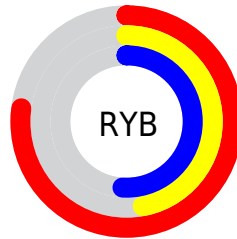
The Yxy color **26.8074, 0.3938, 0.3144** is a light color, and the websafe version is hex **996666**. A complement of this color would be **46.9733, 0.2660, 0.3447**, and the grayscale version is **27.8953, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.4187, 0.3763, 0.3176**, and **10.5650, 0.4230, 0.3076** is the 20% darker color. If you saturate the color by 10%, you get **22.1484, 0.4270, 0.3110**, and if you desaturate by 10%, it is **32.5074, 0.3663, 0.3183**.

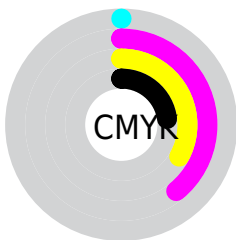
Distribution



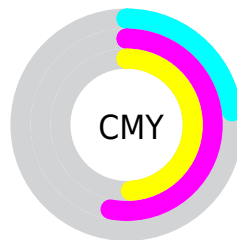
- Red (77%)
- Green (47%)
- Blue (51%)



- Red (77%)
- Yellow (47%)
- Blue (51%)



- Cyan (0%)
- Magenta (39%)
- Yellow (33%)
- Black (23%)





- Cyan (23%)
- Magenta (53%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.8074, 0.3938, 0.3144 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 26.8074, 0.3938, 0.3144 by changing the saturation by 10% instead.

 26.8074, 0.3938,
0.3144


 26.8074, 0.3938,
0.3144


286.7234, 0.3492,
0.3232


 17.4286, 0.4064,
0.3116


 54.5747, 0.3765,
0.3180

 10.5406, 0.4236,
0.3076


 73.7319, 0.3704,
0.3192

 5.7588, 0.4483,
0.3015

 96.9175, 0.3653,
0.3202

 2.6990, 0.4866,
0.2911

124.5157, 0.3611,
0.3210

 0.9767, 0.5598,
0.2739

156.9110, 0.3574,
0.3217

 0.0000, 1.0000,
0.0000

194.4878, 0.3543,

 0.0000, 0.0000,

0.3222

0.0000

237.6305, 0.3516,
0.3227

■ 26.8074, 0.3938,
0.3144

■ 26.8074, 0.3938,
0.3144

■ 22.1484, 0.4270,
0.3110

■ 32.5074, 0.3663,
0.3183

■ 18.4636, 0.4656,
0.3085

■ 39.3020, 0.3438,
0.3222

■ 15.6848, 0.5083,
0.3076


■ 47.2457, 0.3257,
0.3259


■ 13.7331, 0.5514,
0.3090


■ 56.3885, 0.3111,
0.3294


■ 12.5161, 0.5897,
0.3132

■ 66.7772, 0.2993,
0.3326

 11.8833, 0.6182,
0.3190

 78.4561, 0.2897,
0.3356

 11.8206, 0.6212,
0.3196

 90.0535, 0.2817,
0.3359

 90.4750, 0.2784,
0.3289

Harmonies

Analogous

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



26.8074, 0.3457, 0.2779



26.8074, 0.3938, 0.3144



26.8074, 0.4183, 0.3562

Triad

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



26.8074, 0.3938, 0.3144



26.8074, 0.3268, 0.4222



26.8074, 0.2214, 0.2554

Complementary

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



26.8074, 0.3938, 0.3144



46.9733, 0.2660, 0.3447

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.



26.8074, 0.2175, 0.2873



26.8074, 0.3938, 0.3144



26.8074, 0.2755, 0.3895

Square

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



26.8074, 0.3938, 0.3144



26.8074, 0.3768, 0.4221



26.8074, 0.2363, 0.3369



26.8074, 0.2471, 0.2444

Rectangle

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



26.8074, 0.3938, 0.3144



26.8074, 0.4170, 0.3833



26.8074, 0.2363, 0.3369



26.8074, 0.2176, 0.2637

Sweetspot

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



26.8087, 0.3938, 0.3144



80.4343, 0.3315, 0.3246



27.6842, 0.3051, 0.2309



16.8021, 0.3338, 0.3242



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.



26.8087, 0.3938, 0.3144



40.9133, 0.4233, 0.3113



33.8354, 0.3939, 0.3648



10.1011, 0.3267, 0.3257



7.6037, 0.6186, 0.3181



0.3363, 0.5662, 0.2893

Inverse Universe

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



26.8087, 0.3938, 0.3144



40.9133, 0.4233, 0.3113



36.5034, 0.2536, 0.2896



10.1011, 0.3267, 0.3257



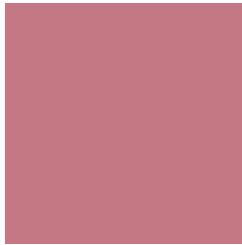
7.6037, 0.6186, 0.3181



0.3363, 0.5662, 0.2893

Previews

White Background



This preview shows how the Yxy color 26.8074, 0.3938, 0.3144 looks on a white background.

Color Contrast Check

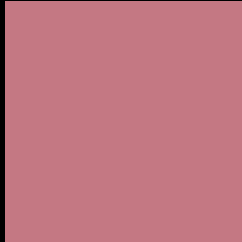
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.8074, 0.3938, 0.3144 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 26.8074, 0.3938, 0.3144

Background



This preview shows how black text looks on a background with the Yxy color 26.8074, 0.3938, 0.3144.



This preview shows how white text looks on a background with the Yxy color 26.8074, 0.3938, 0.3144.

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

26.8074, 0.3938, 0.3144

Protanopia

26.9622, 0.3139, 0.3258

Deuteranopia

27.0269, 0.3497, 0.3432



Tritanopia

26.7537, 0.3964, 0.3171

Trichromacy



Original Color

26.8074, 0.3938, 0.3144

Protanomaly

26.4257, 0.3407, 0.3198

Deuteranomaly

26.8162, 0.3658, 0.3321

Tritanomaly

26.7804, 0.3951, 0.3158

Monochromacy



Original Color

26.8074, 0.3938, 0.3144

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

26.9786, 0.3403, 0.3229

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.8074, 0.3938, 0.3144 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, 120, 131)` looks like.

```
.text, #text, p{  
    color:rgb(196, 120, 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(196, 120, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 120, 131) }
```

Border

The CSS property to change the border of an element to Yxy 26.8074, 0.3938, 0.3144 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, 120, 131) }
```

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

```
.border{ border-color:rgb(196, 120, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 120, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 120, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 120, 131);  
box-shadow:4px 4px 4px 4px rgb(196, 120,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 26.8074, 0.3938, 0.3144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 120, 131) }
```

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

```
.background{ background-color: rgb(196,  
120, 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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