

Converting Colors

$Y_{xy}(26.7132, 0.3896, 0.3200)$

Have a look what the booklet for
Yxy(26.7132, 0.3896, 0.3200)
contains.

Yxy(26.5804, 0.3896, 0.3196)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.5804, 0.3896, 0.3196)

Conversions

Conversions Part 1

Format	Color
Hex	BF7A81
RGB	191, 122, 129
RGB Percent	75%, 48%, 51%
CMY	0.2511, 0.5215, 0.4942
CMYK	0.00, 0.36, 0.32, 0.25
HSL	354°, 35%, 61%
HSV	354°, 36%, 75%
XYZ	32.4021, 26.5804, 24.1852
YIQ	143.4290, 38.8770, 16.8050

Conversions

Conversions Part 2

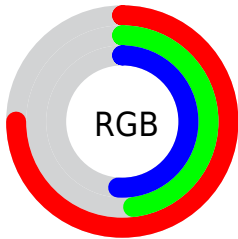
Format	Color
R_{YB}	191, 122, 129
Decimal	12548737
CIE _{Lab}	58.58, 27.80, 7.47
CIE _{LCh}	59, 28.790, 15.038
Yxy	26.5804, 0.3896, 0.3196
Android (android.graphics.Color)	4290738817 (0xFFBF7A81)
YUV	143.4290, -7.1135, 41.7198
Hunter-Lab	51.5562, 21.9607, 8.2762

Details

The Yxy color **26.5804, 0.3896, 0.3196** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **44.8510, 0.2669, 0.3390**, and the grayscale version is **27.6665, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.1771, 0.3731, 0.3217**, and **10.4482, 0.4187, 0.3143** is the 20% darker color. If you saturate the color by 10%, you get **21.9240, 0.4229, 0.3172**, and if you desaturate by 10%, it is **32.2377, 0.3621, 0.3223**.

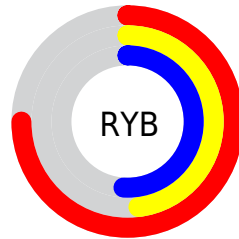
Distribution



Red (75%)

Green (48%)

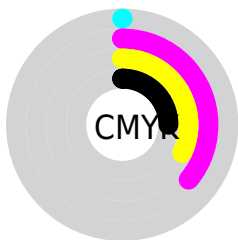
Blue (51%)



Red (75%)

Yellow (48%)

Blue (51%)

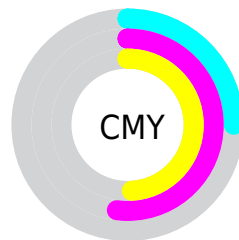


Cyan (0%)

Magenta (36%)

Yellow (32%)

Black (25%)



Cyan (25%)

Magenta (52%)

Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.5804, 0.3896, 0.3196 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 26.5804, 0.3896, 0.3196 by changing the saturation by 10% instead.


 26.5804, 0.3896,
0.3196


 26.5804, 0.3896,
0.3196


285.6197, 0.3472,
0.3255


 17.2583, 0.4016,
0.3176


 54.2098, 0.3732,
0.3221

 10.4189, 0.4181,
0.3146


 73.2859, 0.3673,
0.3230

 5.6775, 0.4418,
0.3099


 96.3822, 0.3625,
0.3236

 2.6500, 0.4787,
0.3015

123.8831, 0.3585,
0.3241

 0.9519, 0.5542,
0.2898

156.1728, 0.3550,
0.3246

 0.0000, 1.0000,
0.0000

193.6359, 0.3521,

 0.0000, 0.0000,

0.3250

0.0000

236.6568, 0.3495,
0.3253

■ 26.5804, 0.3896,
0.3196

■ 26.5804, 0.3896,
0.3196

■ 21.9240, 0.4229,
0.3172

■ 32.2377, 0.3621,
0.3223

■ 18.2064, 0.4622,
0.3153

■ 38.9453, 0.3398,
0.3250

■ 15.3651, 0.5059,
0.3145


■ 46.7542, 0.3219,
0.3275


■ 13.3278, 0.5506,
0.3154


■ 55.7106, 0.3075,
0.3299

■ 12.0111, 0.5907,
0.3182


■ 65.8585, 0.2958,
0.3321

 11.3090, 0.6201,
0.3225

 77.2393, 0.2864,
0.3341

 11.1211, 0.6287,
0.3237

 89.4431, 0.2786,
0.3351

 89.8131, 0.2757,
0.3289

Harmonies

Analogous

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



26.5804, 0.3475, 0.2851



26.5804, 0.3896, 0.3196



26.5804, 0.4093, 0.3582

Triad

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



26.5804, 0.3896, 0.3196



26.5804, 0.3213, 0.4114



26.5804, 0.2304, 0.2601

Complementary

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



26.5804, 0.3896, 0.3196



44.8510, 0.2669, 0.3390

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.



26.5804, 0.2249, 0.2879



26.5804, 0.3896, 0.3196



26.5804, 0.2749, 0.3795

Square

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



26.5804, 0.3896, 0.3196



26.5804, 0.3675, 0.4149



26.5804, 0.2404, 0.3317



26.5804, 0.2560, 0.2514

Rectangle

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



26.5804, 0.3896, 0.3196



26.5804, 0.4065, 0.3826



26.5804, 0.2404, 0.3317



26.5804, 0.2263, 0.2672

Sweetspot

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



26.5817, 0.3896, 0.3196



76.4203, 0.3305, 0.3262



27.7433, 0.3083, 0.2384



16.3643, 0.3330, 0.3259



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.



26.5817, 0.3896, 0.3196



41.1426, 0.4143, 0.3177



33.8009, 0.3854, 0.3653



9.5516, 0.3273, 0.3267



7.3165, 0.6266, 0.3226



0.2919, 0.5835, 0.2988

Inverse Universe

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



26.5817, 0.3896, 0.3196



41.1426, 0.4143, 0.3177



34.6450, 0.2571, 0.2892



9.5516, 0.3273, 0.3267



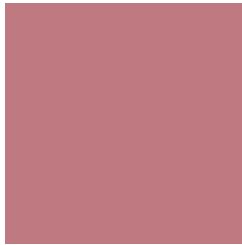
7.3165, 0.6266, 0.3226



0.2919, 0.5835, 0.2988

Previews

White Background



This preview shows how the Yxy color 26.5804, 0.3896, 0.3196 looks on a white background.

Color Contrast Check

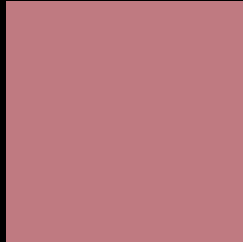
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5804, 0.3896, 0.3196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

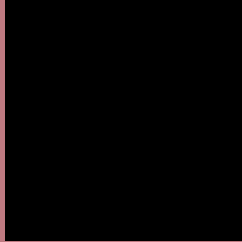
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.5804, 0.3896, 0.3196

Background



This preview shows how black text looks on a background with the Yxy color 26.5804, 0.3896, 0.3196.



This preview shows how white text looks on a background with the Yxy color 26.5804, 0.3896, 0.3196.

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

26.5804, 0.3896, 0.3196

Protanopia

26.8431, 0.3180, 0.3323

Deuteranopia

26.5883, 0.3511, 0.3449



Tritanopia

26.6341, 0.3871, 0.3168

Trichromacy



Original Color

26.5804, 0.3896, 0.3196

Protanomaly

26.3765, 0.3427, 0.3275

Deuteranomaly

26.4228, 0.3646, 0.3352

Tritanomaly

26.6071, 0.3883, 0.3182

Monochromacy



Original Color

26.5804, 0.3896, 0.3196

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

26.6365, 0.3379, 0.3244

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5804, 0.3896, 0.3196 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(191, 122, 129)` looks like.

```
.text, #text, p{  
    color:rgb(191, 122, 129)  
}
```

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(191, 122, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 122, 129) }
```

Border

The CSS property to change the border of an element to Yxy 26.5804, 0.3896, 0.3196 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(191, 122, 129) }
```

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

```
.border{ border-color:rgb(191, 122, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 122, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 122, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 122, 129); box-shadow:4px 4px 4px 4px rgb(191, 122, 129) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5804, 0.3896, 0.3196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 122, 129) }
```

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

```
.background{ background-color: rgb(191,  
122, 129) }
```

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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