

Converting Colors

$Y_{xy}(24.9549, 0.3598, 0.3172)$

Have a look what the booklet for
Yxy(24.9549, 0.3598, 0.3172)
contains.

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Color

Yxy(25.0186, 0.3594, 0.3171)

Conversions

Conversions Part 1

Format	Color
Hex	AB7D85
RGB	171, 125, 133
RGB Percent	67%, 49%, 52%
CMY	0.3295, 0.5097, 0.4784
CMYK	0.00, 0.27, 0.22, 0.33
HSL	350°, 21%, 58%
HSV	350°, 27%, 67%
XYZ	28.3560, 25.0186, 25.5235
YIQ	139.6660, 24.8480, 12.2400

Conversions

Conversions Part 2

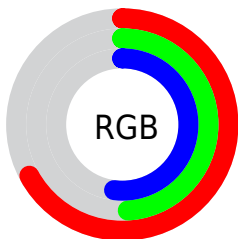
Format	Color
R_{YB}	171, 125, 133
Decimal	11238789
CIE _{Lab}	57.09, 19.04, 2.71
CIE _{LCh}	57, 19.230, 8.090
Yxy	25.0186, 0.3594, 0.3171
Android (android.graphics.Color)	4289428869 (0xFFAB7D85)
YUV	139.6660, -3.2863, 27.4799
Hunter-Lab	50.0186, 13.6607, 4.7584

Details

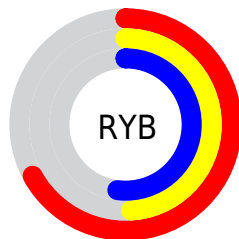
The Yxy color $25.0186, 0.3594, 0.3171$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $36.1182, 0.2800, 0.3414$, and the grayscale version is $26.0950, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.7169, 0.3493, 0.3200$, and $9.6605, 0.3766, 0.3121$ is the 20% darker color. If you saturate the color by 10%, you get $20.6918, 0.3845, 0.3125$, and if you desaturate by 10%, it is $30.1453, 0.3389, 0.3217$.

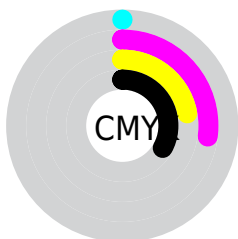
Distribution



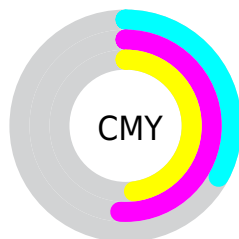
- Red (67%)
- Green (49%)
- Blue (52%)



- Red (67%)
- Yellow (49%)
- Blue (52%)



- Cyan (0%)
- Magenta (27%)
- Yellow (22%)
- Black (33%)





- Cyan (33%)
- Magenta (51%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.0186, 0.3594, 0.3171 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 25.0186, 0.3594, 0.3171 by changing the saturation by 10% instead.


 25.0186, 0.3594,
0.3171


 25.0186, 0.3594,
0.3171


277.9306, 0.3335,
0.3239


 16.0909, 0.3669,
0.3151


 51.6874, 0.3493,
0.3198

 9.5885, 0.3771,
0.3122


 70.1973, 0.3457,
0.3207

 5.1270, 0.3922,
0.3079

 92.6701, 0.3428,
0.3215

 2.3220, 0.4162,
0.3007

119.4901, 0.3403,
0.3221

 0.7853, 0.4663,
0.2888

151.0417, 0.3383,
0.3227

 0.0000, 1.0000,
0.0000

187.7094, 0.3365,

 0.0000, 0.0000,

0.3231

0.0000

229.8776, 0.3349,
0.3235

■ 25.0186, 0.3594,
0.3171

■ 25.0186, 0.3594,
0.3171

■ 20.6918, 0.3845,
0.3125

■ 30.1453, 0.3389,
0.3217

■ 17.1213, 0.4149,
0.3082

■ 36.1059, 0.3223,
0.3261

■ 14.2644, 0.4506,
0.3048


■ 42.9365, 0.3088,
0.3303

■ 12.0728, 0.4907,
0.3029


■ 50.6702, 0.2979,
0.3340


■ 10.4924, 0.5326,
0.3035


■ 59.3382, 0.2890,
0.3375

 9.4602, 0.5721,
0.3072

 68.9704, 0.2817,
0.3406

 8.8861, 0.6043,
0.3134

 79.5953, 0.2757,
0.3434

 8.7462, 0.6130,
0.3150

 86.8293, 0.2699,
0.3387

 87.3941, 0.2657,
0.3289

Harmonies

Analogous

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



25.0186, 0.3291, 0.2935



25.0186, 0.3594, 0.3171



25.0186, 0.3768, 0.3444

Triad

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



25.0186, 0.3594, 0.3171



25.0186, 0.3272, 0.3863



25.0186, 0.2529, 0.2852

Complementary

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



25.0186, 0.3594, 0.3171



36.1182, 0.2800, 0.3414

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.



25.0186, 0.2526, 0.3081



25.0186, 0.3594, 0.3171



25.0186, 0.2943, 0.3688

Square

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



25.0186, 0.3594, 0.3171



25.0186, 0.3573, 0.3858



25.0186, 0.2673, 0.3391



25.0186, 0.2682, 0.2750

Rectangle

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



25.0186, 0.3594, 0.3171



25.0186, 0.3783, 0.3618



25.0186, 0.2673, 0.3391



25.0186, 0.2511, 0.2915

Sweetspot

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



25.0198, 0.3594, 0.3171



63.2541, 0.3242, 0.3256



25.3496, 0.3065, 0.2617



13.7392, 0.3265, 0.3250



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.0198, 0.3594, 0.3171



40.2444, 0.3731, 0.3145



28.7658, 0.3637, 0.3510



8.0372, 0.3260, 0.3251



6.6019, 0.6109, 0.3139



0.1903, 0.5376, 0.2735

Inverse Universe

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



25.0198, 0.3594, 0.3171



40.2444, 0.3731, 0.3145



31.2173, 0.2721, 0.3059



8.0372, 0.3260, 0.3251



6.6019, 0.6109, 0.3139



0.1903, 0.5376, 0.2735

Previews

White Background



This preview shows how the Yxy color 25.0186, 0.3594, 0.3171 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 25.0186, 0.3594, 0.3171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

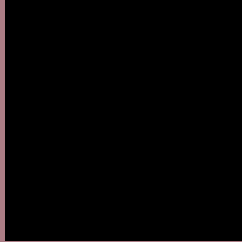
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.0186, 0.3594, 0.3171

Background



This preview shows how black text looks on a background with the Yxy color 25.0186, 0.3594, 0.3171.



This preview shows how white text looks on a background with the Yxy color 25.0186, 0.3594, 0.3171.

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

25.0186, 0.3594, 0.3171

Protanopia

25.2737, 0.3119, 0.3240

Deuteranopia

25.2133, 0.3369, 0.3307



Tritanopia

25.0464, 0.3582, 0.3156

Trichromacy



Original Color

25.0186, 0.3594, 0.3171

Protanomaly

25.1605, 0.3291, 0.3226

Deuteranomaly

25.1048, 0.3459, 0.3259

Tritanomaly

25.0464, 0.3582, 0.3156

Monochromacy



Original Color

25.0186, 0.3594, 0.3171

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.7134, 0.3287, 0.3258

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.0186, 0.3594, 0.3171 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(171, 125, 133)` looks like.

```
.text, #text, p{  
    color:rgb(171, 125, 133)  
}
```

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(171, 125, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 125, 133) }
```

Border

The CSS property to change the border of an element to Yxy 25.0186, 0.3594, 0.3171 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(171, 125, 133) }
```

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

```
.border{ border-color:rgb(171, 125, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 125, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 125, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 125, 133);  
box-shadow:4px 4px 4px 4px rgb(171, 125,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 25.0186, 0.3594, 0.3171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 125, 133) }
```

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

```
.background{ background-color: rgb(171,  
125, 133) }
```

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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