

Converting Colors

$Y_{xy}(25.9610, 0.3755, 0.3461)$

Have a look what the booklet for
Yxy(25.9610, 0.3755, 0.3461)
contains.

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Color

Yxy(25.9551, 0.3745, 0.3459)

Conversions

Conversions Part 1

Format	Color
Hex	AB8277
RGB	171, 130, 119
RGB Percent	67%, 51%, 47%
CMY	0.3295, 0.4901, 0.5333
CMYK	0.00, 0.24, 0.30, 0.33
HSL	13°, 24%, 57%
HSV	13°, 30%, 67%
XYZ	28.1011, 25.9551, 20.9802
YIQ	141.0050, 27.9670, 5.2710

Conversions

Conversions Part 2

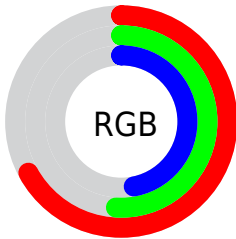
Format	Color
R_{YB}	171, 133, 119
Decimal	11240055
CIE Lab	57.99, 14.15, 12.06
CIE LCh	58, 18.593, 40.437
Yxy	25.9551, 0.3745, 0.3459
Android (android.graphics.Color)	4289430135 (0xFFAB8277)
YUV	141.0050, -10.8485, 26.3056
Hunter-Lab	50.9461, 9.3022, 11.2460

Details

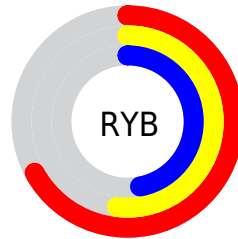
The Yxy color $25.9551, 0.3745, 0.3459$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $31.9824, 0.2678, 0.3113$, and the grayscale version is $26.6730, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.1381, 0.3612, 0.3430$, and $10.1913, 0.3975, 0.3507$ is the 20% darker color. If you saturate the color by 10%, you get $22.2291, 0.4032, 0.3517$, and if you desaturate by 10%, it is $30.2266, 0.3503, 0.3401$.

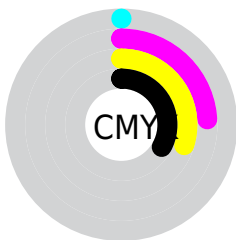
Distribution



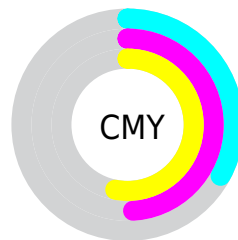
- Red (67%)
- Green (51%)
- Blue (47%)



- Red (67%)
- Yellow (52%)
- Blue (47%)



- Cyan (0%)
- Magenta (24%)
- Yellow (30%)
- Black (33%)





- Cyan (33%)
- Magenta (49%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.9551, 0.3745, 0.3459 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 25.9551, 0.3745, 0.3459 by changing the saturation by 10% instead.


 25.9551, 0.3745,
0.3459


 25.9551, 0.3745,
0.3459

282.5616, 0.3403,
0.3374


 16.7901, 0.3843,
0.3480


 53.2025, 0.3612,
0.3428

 10.0849, 0.3977,
0.3505


 72.0536, 0.3565,
0.3417

 5.4553, 0.4172,
0.3537

 94.9023, 0.3526,
0.3407

 2.5168, 0.4478,
0.3573

122.1328, 0.3493,
0.3398

 0.8850, 0.5514,
0.3948

154.1296, 0.3466,
0.3391

 0.0000, 1.0000,
0.0000

191.2771, 0.3442,

 0.0000, 0.0000,

0.3384

0.0000

233.9596, 0.3421,
0.3379

■ 25.9551, 0.3745,
0.3459

■ 25.9551, 0.3745,
0.3459

■ 22.2291, 0.4032,
0.3517

■ 30.2266, 0.3503,
0.3401

■ 19.0230, 0.4367,
0.3569

■ 35.0607, 0.3301,
0.3345

■ 16.3143, 0.4744,
0.3609


■ 40.4782, 0.3133,
0.3292


■ 14.0776, 0.5147,
0.3628


■ 46.4980, 0.2994,
0.3244

■ 12.2851, 0.5543,
0.3617

■ 53.1379, 0.2877,
0.3199


 10.9059, 0.5887,
0.3569

 60.4149, 0.2780,
0.3159

 9.9317, 0.6145,
0.3502

 68.3456, 0.2698,
0.3122

 76.8961, 0.2632,
0.3098

 85.0260, 0.2651,
0.3248

Harmonies

Analogous

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



25.9551, 0.3591, 0.3197



25.9551, 0.3745, 0.3459



25.9551, 0.3722, 0.3695

Triad

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



25.9551, 0.3745, 0.3459



25.9551, 0.2929, 0.3650



25.9551, 0.2719, 0.2771

Complementary

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



25.9551, 0.3745, 0.3459



31.9824, 0.2678, 0.3113

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.



25.9551, 0.2561, 0.2859



25.9551, 0.3745, 0.3459



25.9551, 0.2678, 0.3363

Square

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



25.9551, 0.3745, 0.3459



25.9551, 0.3242, 0.3829



25.9551, 0.2547, 0.3070



25.9551, 0.2988, 0.2813

Rectangle

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



25.9551, 0.3745, 0.3459



25.9551, 0.3612, 0.3805



25.9551, 0.2547, 0.3070



25.9551, 0.2652, 0.2786

Sweetspot

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



25.9563, 0.3745, 0.3459



63.9643, 0.3278, 0.3338



24.4050, 0.3278, 0.2686



13.9718, 0.3304, 0.3346



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.



25.9563, 0.3745, 0.3459



42.2285, 0.3919, 0.3495



33.5535, 0.3637, 0.3826



8.2805, 0.3281, 0.3339



7.5550, 0.6130, 0.3515



0.2872, 0.5576, 0.3954

Inverse Universe

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



31.9824, 0.2678, 0.3113



54.6349, 0.2593, 0.3071



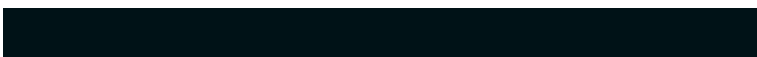
24.0737, 0.2631, 0.2688



8.7793, 0.2986, 0.3241



15.3007, 0.2057, 0.2605



0.4969, 0.2121, 0.2835

Previews

White Background



This preview shows how the Yxy color 25.9551, 0.3745, 0.3459 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 25.9551, 0.3745, 0.3459 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 25.9551, 0.3745, 0.3459

Background



This preview shows how black text looks on a background with the Yxy color 25.9551, 0.3745, 0.3459.



This preview shows how white text looks on a background with the Yxy color 25.9551, 0.3745, 0.3459.

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

25.9551, 0.3745, 0.3459

Protanopia

26.0315, 0.3362, 0.3539

Deuteranopia

25.9353, 0.3620, 0.3544



Tritanopia

25.8691, 0.3564, 0.3142

Trichromacy



Original Color

25.9551, 0.3745, 0.3459

Protanomaly

25.9820, 0.3497, 0.3517

Deuteranomaly

26.0824, 0.3672, 0.3525

Tritanomaly

25.8207, 0.3633, 0.3261

Monochromacy



Original Color

25.9551, 0.3745, 0.3459

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

26.2602, 0.3338, 0.3355

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9551, 0.3745, 0.3459 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, 130, 119)` looks like.

```
.text, #text, p{  
    color:rgb(171, 130, 119)  
}
```

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, 130, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 130, 119) }
```

Border

The CSS property to change the border of an element to Yxy 25.9551, 0.3745, 0.3459 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, 130, 119) }
```

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

```
.border{ border-color:rgb(171, 130, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 130, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 130, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 130, 119);  
box-shadow:4px 4px 4px 4px rgb(171, 130,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9551, 0.3745, 0.3459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 130, 119) }
```

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

```
.background{ background-color: rgb(171,  
130, 119) }
```

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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