

Converting Colors

$Y_{xy}(25.8527, 0.4033, 0.3834)$

Have a look what the booklet for
Yxy(25.8527, 0.4033, 0.3834)
contains.

Yxy(25.8295, 0.4035, 0.3832)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

$\text{Yxy}(25.8295, 0.4035, 0.3832)$

Conversions

Conversions Part 1

Format	Color
Hex	AC835F
RGB	172, 131, 95
RGB Percent	67%, 51%, 37%
CMY	0.3254, 0.4863, 0.6275
CMYK	0.00, 0.24, 0.45, 0.33
HSL	28°, 32%, 52%
HSV	28°, 45%, 67%
XYZ	27.1978, 25.8295, 14.3774
YIQ	139.1550, 35.9920, -2.5040

Conversions

Conversions Part 2

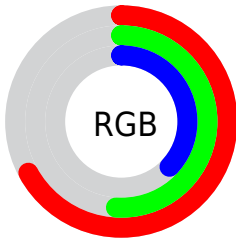
Format	Color
R_{YB}	172, 163, 95
Decimal	11305823
CIE Lab	57.87, 11.06, 25.53
CIE LCh	58, 27.819, 66.576
Yxy	25.8295, 0.4035, 0.3832
Android (android.graphics.Color)	4289495903 (0xFFAC835F)
YUV	139.1550, -21.7684, 28.8051
Hunter-Lab	50.8227, 6.5846, 18.8031

Details

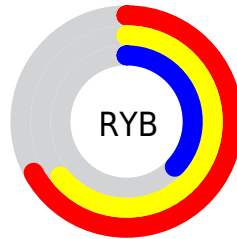
The Yxy color **25.8295, 0.4035, 0.3832** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **23.0249, 0.2428, 0.2666**, and the grayscale version is **25.9576, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.0143, 0.3843, 0.3728**, and **10.0995, 0.4359, 0.3994** is the 20% darker color. If you saturate the color by 10%, you get **23.1986, 0.4304, 0.3943**, and if you desaturate by 10%, it is **28.7495, 0.3788, 0.3710**.

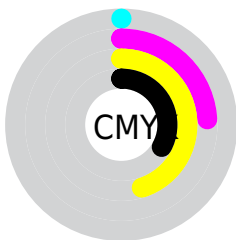
Distribution



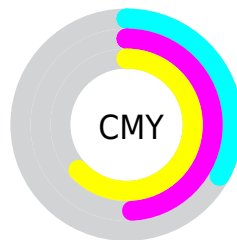
- Red (67%)
- Green (51%)
- Blue (37%)



- Red (67%)
- Yellow (64%)
- Blue (37%)



- Cyan (0%)
- Magenta (24%)
- Yellow (45%)
- Black (33%)





- Cyan (33%)
- Magenta (49%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.8295, 0.4035, 0.3832 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 25.8295, 0.4035, 0.3832 by changing the saturation by 10% instead.


 25.8295, 0.4035,
0.3832


 25.8295, 0.4035,
0.3832


281.9441, 0.3537,
0.3552


 16.6961, 0.4173,
0.3901


 52.9998, 0.3844,
0.3730


 10.0181, 0.4357,
0.3987

 71.8054, 0.3775,
0.3691

 5.4109, 0.4612,
0.4092

 94.6040, 0.3718,
0.3659

 2.4903, 0.5074,
0.4289

 121.7799, 0.3670,
0.3631

 0.8718, 0.5635,
0.4365

153.7174, 0.3629,
0.3607

 0.0000, 1.0000,
0.0000

190.8010, 0.3594,

 0.0000, 0.0000,

0.3586

0.0000

233.4151, 0.3564,
0.3568

■ 25.8295, 0.4035,
0.3832

■ 25.8295, 0.4035,
0.3832

■ 23.1986, 0.4304,
0.3943

■ 28.7495, 0.3788,
0.3710

■ 20.8430, 0.4588,
0.4032

■ 31.9646, 0.3567,
0.3585

■ 18.7529, 0.4874,
0.4087

■ 35.4850, 0.3371,
0.3461

■ 16.9163, 0.5144,
0.4097

■ 39.3194, 0.3201,
0.3344

■ 15.3194, 0.5379,
0.4054

■ 43.4760, 0.3052,
0.3233

■ 14.5693, 0.5494,
0.4019

■ 47.9627, 0.2923,
0.3131

■ 52.7870, 0.2812,
0.3036

■ 57.9564, 0.2715,
0.2950

■ 63.4779, 0.2630,
0.2871

Harmonies

Analogous

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



25.8295, 0.4043, 0.3470



25.8295, 0.4035, 0.3832



25.8295, 0.3772, 0.4090

Triad

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



25.8295, 0.4035, 0.3832



25.8295, 0.2499, 0.3452



25.8295, 0.2856, 0.2581

Complementary

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



25.8295, 0.4035, 0.3832



23.0249, 0.2428, 0.2666

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.



25.8295, 0.2484, 0.2537



25.8295, 0.4035, 0.3832



25.8295, 0.2291, 0.2998

Square

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



25.8295, 0.4035, 0.3832



25.8295, 0.2880, 0.3893



25.8295, 0.2287, 0.2675



25.8295, 0.3331, 0.2781

Rectangle

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



25.8295, 0.4035, 0.3832



25.8295, 0.3498, 0.4148



25.8295, 0.2287, 0.2675



25.8295, 0.2716, 0.2547

Sweetspot

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



25.8307, 0.4035, 0.3832



65.3957, 0.3343, 0.3443



18.7361, 0.3657, 0.2681



13.8993, 0.3383, 0.3469



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.



25.8307, 0.4035, 0.3832



41.9896, 0.4310, 0.3945



38.1425, 0.3793, 0.4338



8.6094, 0.3275, 0.3396



10.9477, 0.5478, 0.4033



0.4147, 0.4993, 0.4417

Inverse Universe

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



23.0249, 0.2428, 0.2666



36.2171, 0.2276, 0.2492



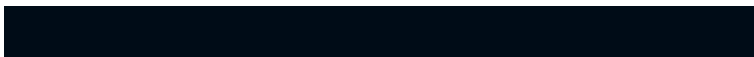
14.0659, 0.2309, 0.1969



8.4369, 0.2986, 0.3181



7.9724, 0.1809, 0.1713



0.3300, 0.1955, 0.2238

Previews

White Background



This preview shows how the Yxy color 25.8295, 0.4035, 0.3832 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 25.8295, 0.4035, 0.3832 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

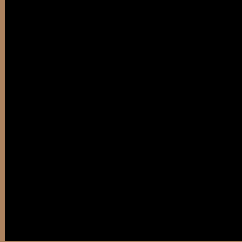
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.8295, 0.4035, 0.3832

Background



This preview shows how black text looks on a background with the Yxy color 25.8295, 0.4035, 0.3832.



This preview shows how white text looks on a background with the Yxy color 25.8295, 0.4035, 0.3832.

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

25.8295, 0.4035, 0.3832

Protanopia

25.8311, 0.3688, 0.3967

Deuteranopia

25.8168, 0.3961, 0.3875



Tritanopia

25.9011, 0.3627, 0.3159

Trichromacy



Original Color

25.8295, 0.4035, 0.3832

Protanomaly

25.7405, 0.3811, 0.3914

Deuteranomaly

25.7638, 0.3992, 0.3855

Tritanomaly

25.9084, 0.3790, 0.3411

Monochromacy



Original Color

25.8295, 0.4035, 0.3832

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.6177, 0.3439, 0.3504

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.8295, 0.4035, 0.3832 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(172, 131, 95)` looks like.

```
.text, #text, p{  
    color:rgb(172, 131, 95)  
}
```

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(172, 131, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 131, 95) }
```

Border

The CSS property to change the border of an element to Yxy 25.8295, 0.4035, 0.3832 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(172, 131, 95) }
```

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

```
.border{ border-color:rgb(172, 131, 95) }
```

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

Here you see how a box with a 4 pixel rgb(172, 131, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 131, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 131, 95);  
box-shadow:4px 4px 4px 4px rgb(172, 131,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 25.8295, 0.4035, 0.3832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 131, 95) }
```

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

```
.background{ background-color: rgb(172,  
131, 95) }
```

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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