

Converting Colors

$Y_{xy}(27.6805, 0.3925, 0.4072)$

Have a look what the booklet for
Yxy(27.6805, 0.3925, 0.4072)
contains.

Yxy(27.6805, 0.3925, 0.4072)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(27.6805, 0.3925, 0.4072)

Conversions

Conversions Part 1

Format	Color
Hex	A48D5A
RGB	164, 141, 90
RGB Percent	64%, 55%, 35%
CMY	0.3569, 0.4470, 0.6469
CMYK	0.00, 0.14, 0.45, 0.36
HSL	41°, 29%, 50%
HSV	41°, 45%, 64%
XYZ	26.6812, 27.6805, 13.6159
YIQ	142.0630, 30.0790, -10.9850

Conversions

Conversions Part 2

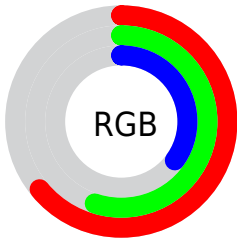
Format	Color
R_{YB}	123, 164, 90
Decimal	10784090
CIE Lab	59.60, 1.53, 30.33
CIE LCh	60, 30.368, 87.117
Yxy	27.6805, 0.3925, 0.4072
Android (android.graphics.Color)	4288974170 (0xFFA48D5A)
YUV	142.0630, -25.6671, 19.2387
Hunter-Lab	52.6123, -1.5488, 21.4845

Details

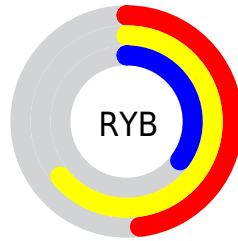
The Yxy color **27.6805, 0.3925, 0.4072** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **16.6720, 0.2372, 0.2350**, and the grayscale version is **27.1727, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.7223, 0.3763, 0.3911**, and **10.9716, 0.4172, 0.4316** is the 20% darker color. If you saturate the color by 10%, you get **25.9632, 0.4126, 0.4230**, and if you desaturate by 10%, it is **29.5312, 0.3728, 0.3900**.

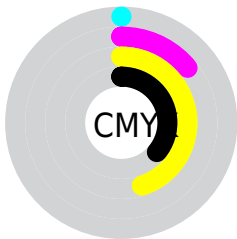
Distribution



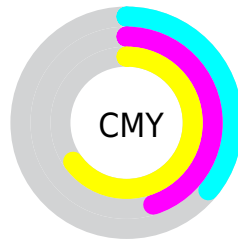
- Red (64%)
- Green (55%)
- Blue (35%)



- Red (48%)
- Yellow (64%)
- Blue (35%)



- Cyan (0%)
- Magenta (14%)
- Yellow (45%)
- Black (36%)





- Cyan (36%)
- Magenta (45%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.6805, 0.3925, 0.4072 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 27.6805, 0.3925, 0.4072 by changing the saturation by 10% instead.


 27.6805, 0.3925,
0.4072


 27.6805, 0.3925,
0.4072


290.9371, 0.3499,
0.3658


 18.0850, 0.4037,
0.4179


 55.9739, 0.3765,
0.3917


 11.0110, 0.4182,
0.4317


 75.4406, 0.3706,
0.3860

 6.0742, 0.4372,
0.4494

 98.9665, 0.3657,
0.3813

 2.8903, 0.4746,
0.4848

 126.9359, 0.3616,
0.3772

 1.0747, 0.4976,
0.5024

159.7333, 0.3580,
0.3737

 0.0000, 0.0000,
0.0000

197.7430, 0.3549,

0.3707

241.3495, 0.3523,
0.3681

■ 27.6805, 0.3925,
0.4072

■ 27.6805, 0.3925,
0.4072

■ 25.9632, 0.4126,
0.4230

■ 29.5312, 0.3728,
0.3900

■ 24.3705, 0.4323,
0.4364

■ 31.5161, 0.3540,
0.3722

■ 22.8982, 0.4508,
0.4463

■ 33.6408, 0.3364,
0.3545

■ 21.5398, 0.4670,
0.4518

■ 35.9094, 0.3204,
0.3374

■ 20.2879, 0.4804,
0.4524

■ 38.3257, 0.3058,
0.3212

■ 19.7055, 0.4865,
0.4519

■ 40.8933, 0.2926,
0.3060

■ 43.6158, 0.2808,
0.2919

■ 46.4965, 0.2703,
0.2789

■ 49.5387, 0.2610,
0.2669

Harmonies

Analogous

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



27.6805, 0.4130, 0.3747



27.6805, 0.3925, 0.4072



27.6805, 0.3511, 0.4208

Triad

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



27.6805, 0.3925, 0.4072



27.6805, 0.2286, 0.3118



27.6805, 0.3179, 0.2668

Complementary

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



27.6805, 0.3925, 0.4072



16.6720, 0.2372, 0.2350

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.



27.6805, 0.2697, 0.2504



27.6805, 0.3925, 0.4072



27.6805, 0.2214, 0.2721

Square

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



27.6805, 0.3925, 0.4072



27.6805, 0.2569, 0.3623



27.6805, 0.2357, 0.2515



27.6805, 0.3685, 0.2968

Rectangle

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



27.6805, 0.3925, 0.4072



27.6805, 0.3180, 0.4137



27.6805, 0.2357, 0.2515



27.6805, 0.3008, 0.2596

Sweetspot

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



27.6818, 0.3925, 0.4072



61.3995, 0.3350, 0.3531



16.4125, 0.3913, 0.2923



13.2444, 0.3385, 0.3566



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



27.6818, 0.3925, 0.4072



47.1540, 0.4124, 0.4229



33.8154, 0.3639, 0.4430



7.8639, 0.3269, 0.3444



15.1967, 0.4857, 0.4525



0.3974, 0.4568, 0.4755

Inverse Universe

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



16.6720, 0.2372, 0.2350



24.6786, 0.2197, 0.2097



12.9165, 0.2438, 0.1966



7.2025, 0.2987, 0.3131



3.9464, 0.1627, 0.1055



0.1637, 0.1827, 0.1778

Previews

White Background



This preview shows how the Yxy color 27.6805, 0.3925, 0.4072 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 27.6805, 0.3925, 0.4072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

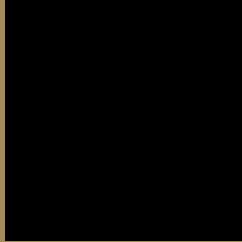
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.6805, 0.3925, 0.4072

Background



This preview shows how black text looks on a background with the Yxy color 27.6805, 0.3925, 0.4072.



This preview shows how white text looks on a background with the Yxy color 27.6805, 0.3925, 0.4072.

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

27.6805, 0.3925, 0.4072

Protanopia

27.7698, 0.3802, 0.4129

Deuteranopia

27.5309, 0.4048, 0.3971



Tritanopia

27.5295, 0.3407, 0.3127

Trichromacy



Original Color

27.6805, 0.3925, 0.4072

Protanomaly

27.7712, 0.3844, 0.4104

Deuteranomaly

27.4783, 0.4006, 0.3995

Tritanomaly

27.5875, 0.3600, 0.3475

Monochromacy



Original Color

27.6805, 0.3925, 0.4072

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

27.2601, 0.3410, 0.3600

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.6805, 0.3925, 0.4072 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(164, 141, 90)` looks like.

```
.text, #text, p{  
    color:rgb(164, 141, 90)  
}
```

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(164, 141, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 141, 90) }
```

Border

The CSS property to change the border of an element to Yxy 27.6805, 0.3925, 0.4072 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(164, 141, 90) }
```

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

```
.border{ border-color:rgb(164, 141, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 141, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 141, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 141, 90);  
box-shadow:4px 4px 4px 4px rgb(164, 141,  
90) }
```


Background

The CSS property to change the background color of an element to Yxy 27.6805, 0.3925, 0.4072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 141, 90) }
```

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

```
.background{ background-color: rgb(164,  
141, 90) }
```

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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