

Converting Colors

$Y_{xy}(27.6185, 0.3945, 0.4037)$

Have a look what the booklet for
Yxy(27.6185, 0.3945, 0.4037)
contains.

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Color

Yxy(27.6185, 0.3945, 0.4037)

Conversions

Conversions Part 1

Format	Color
Hex	A68C5B
RGB	166, 140, 91
RGB Percent	65%, 55%, 36%
CMY	0.3491, 0.4509, 0.6431
CMYK	0.00, 0.16, 0.45, 0.35
HSL	39°, 30%, 50%
HSV	39°, 45%, 65%
XYZ	26.9891, 27.6185, 13.8058
YIQ	142.1880, 31.2250, -9.7270

Conversions

Conversions Part 2

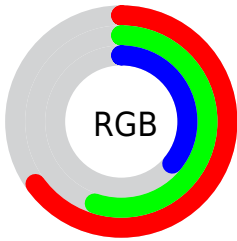
Format	Color
R_{YB}	131, 166, 91
Decimal	10914907
CIE Lab	59.54, 3.03, 29.77
CIE LCh	60, 29.923, 84.197
Yxy	27.6185, 0.3945, 0.4037
Android (android.graphics.Color)	4289104987 (0xFFA68C5B)
YUV	142.1880, -25.2357, 20.8831
Hunter-Lab	52.5533, -0.2984, 21.2117

Details

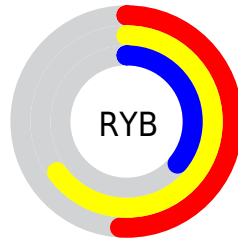
The Yxy color $27.6185, 0.3945, 0.4037$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $17.6918, 0.2378, 0.2397$, and the grayscale version is $27.2211, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.6225, 0.3777, 0.3885$, and $10.9389, 0.4207, 0.4263$ is the 20% darker color. If you saturate the color by 10%, you get $25.7278, 0.4156, 0.4188$, and if you desaturate by 10%, it is $29.6629, 0.3740, 0.3872$.

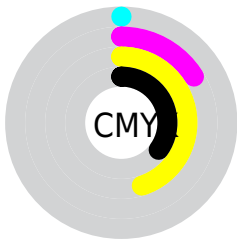
Distribution



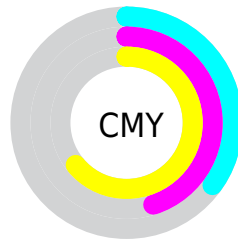
- Red (65%)
- Green (55%)
- Blue (36%)



- Red (51%)
- Yellow (65%)
- Blue (36%)



- Cyan (0%)
- Magenta (16%)
- Yellow (45%)
- Black (35%)





- Cyan (35%)
- Magenta (45%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.6185, 0.3945, 0.4037 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 27.6185, 0.3945, 0.4037 by changing the saturation by 10% instead.


 27.6185, 0.3945,
0.4037


 27.6185, 0.3945,
0.4037

290.6394, 0.3507,
0.3643


 18.0383, 0.4061,
0.4138

 55.8748, 0.3780,
0.3891

 10.9775, 0.4212,
0.4267


 75.3196, 0.3720,
0.3836

 6.0517, 0.4411,
0.4433

 98.8215, 0.3669,
0.3791

 2.8765, 0.4792,
0.4754

 126.7647, 0.3627,
0.3752

 1.0676, 0.5076,
0.4924

159.5337, 0.3590,
0.3719

 0.0000, 1.0000,
0.0000

197.5129, 0.3559,

 0.0000, 0.0000,

0.3690

0.0000

241.0867, 0.3531,
0.3665

■ 27.6185, 0.3945,
0.4037

■ 27.6185, 0.3945,
0.4037

■ 25.7278, 0.4156,
0.4188

■ 29.6629, 0.3740,
0.3872

■ 23.9814, 0.4366,
0.4315

■ 31.8623, 0.3547,
0.3702

■ 22.3745, 0.4566,
0.4407

■ 34.2228, 0.3368,
0.3534

■ 20.9002, 0.4744,
0.4455

■ 36.7489, 0.3205,
0.3371

■ 19.5502, 0.4893,
0.4453

■ 39.4449, 0.3058,
0.3217

■ 18.9347, 0.4960,
0.4444

■ 42.3148, 0.2927,
0.3072

■ 45.3627, 0.2810,
0.2939

■ 48.5923, 0.2706,
0.2816

■ 52.0072, 0.2614,
0.2703

Harmonies

Analogous

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



27.6185, 0.4121, 0.3705



27.6185, 0.3945, 0.4037



27.6185, 0.3552, 0.4193

Triad

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



27.6185, 0.3945, 0.4037



27.6185, 0.2315, 0.3167



27.6185, 0.3129, 0.2653

Complementary

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



27.6185, 0.3945, 0.4037



17.6918, 0.2378, 0.2397

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.



27.6185, 0.2662, 0.2507



27.6185, 0.3945, 0.4037



27.6185, 0.2223, 0.2760

Square

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



27.6185, 0.3945, 0.4037



27.6185, 0.2614, 0.3666



27.6185, 0.2344, 0.2536



27.6185, 0.3632, 0.2939

Rectangle

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



27.6185, 0.3945, 0.4037



27.6185, 0.3228, 0.4143



27.6185, 0.2344, 0.2536



27.6185, 0.2962, 0.2587

Sweetspot

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



27.6198, 0.3945, 0.4037



62.5344, 0.3352, 0.3519



16.8772, 0.3876, 0.2883



13.7873, 0.3388, 0.3553



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



27.6198, 0.3945, 0.4037



46.7624, 0.4153, 0.4186



34.9624, 0.3666, 0.4422



8.3298, 0.3270, 0.3437



14.7765, 0.4951, 0.4451



0.4494, 0.4646, 0.4693

Inverse Universe

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



17.6918, 0.2378, 0.2397



26.5160, 0.2209, 0.2159



13.0740, 0.2409, 0.1953



7.7096, 0.2986, 0.3138



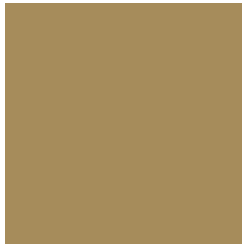
4.5221, 0.1651, 0.1143



0.2053, 0.1842, 0.1831

Previews

White Background



This preview shows how the Yxy color 27.6185, 0.3945, 0.4037 looks on a white background.

Color Contrast Check

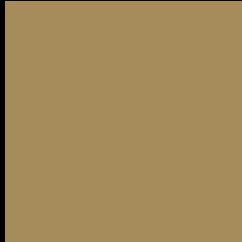
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.6185, 0.3945, 0.4037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

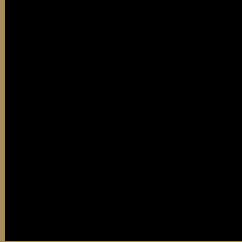
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.6185, 0.3945, 0.4037

Background



This preview shows how black text looks on a background with the Yxy color 27.6185, 0.3945, 0.4037.



This preview shows how white text looks on a background with the Yxy color 27.6185, 0.3945, 0.4037.

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

27.6185, 0.3945, 0.4037

Protanopia

27.7871, 0.3793, 0.4114

Deuteranopia

27.5483, 0.4038, 0.3957



Tritanopia

27.4466, 0.3443, 0.3128

Trichromacy



Original Color

27.6185, 0.3945, 0.4037

Protanomaly

27.8912, 0.3845, 0.4086

Deuteranomaly

27.4957, 0.3996, 0.3981

Tritanomaly

27.5240, 0.3627, 0.3458

Monochromacy



Original Color

27.6185, 0.3945, 0.4037

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

27.0591, 0.3425, 0.3583

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.6185, 0.3945, 0.4037 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(166, 140, 91)` looks like.

```
.text, #text, p{  
    color:rgb(166, 140, 91)  
}
```

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(166, 140, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 140, 91) }
```

Border

The CSS property to change the border of an element to Yxy 27.6185, 0.3945, 0.4037 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(166, 140, 91) }
```

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

```
.border{ border-color:rgb(166, 140, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 140, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 140, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 140, 91);  
box-shadow:4px 4px 4px 4px rgb(166, 140,  
91) }
```


Background

The CSS property to change the background color of an element to Yxy 27.6185, 0.3945, 0.4037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 140, 91) }
```

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

```
.background{ background-color: rgb(166,  
140, 91) }
```

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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