

Converting Colors

$Y_{xy}(28.9039, 0.3775, 0.3900)$

Have a look what the booklet for
Yxy(28.9039, 0.3775, 0.3900)
contains.

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Color

Yxy(28.9453, 0.3775, 0.3904)

Conversions

Conversions Part 1

Format	Color
Hex	A59068
RGB	165, 144, 104
RGB Percent	65%, 56%, 41%
CMY	0.3529, 0.4353, 0.5922
CMYK	0.00, 0.13, 0.37, 0.35
HSL	39°, 25%, 53%
HSV	39°, 37%, 65%
XYZ	27.9889, 28.9453, 17.2085
YIQ	145.7190, 25.3560, -7.9880

Conversions

Conversions Part 2

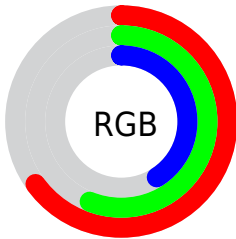
Format	Color
R_{YB}	136, 165, 104
Decimal	10850408
CIE _{Lab}	60.73, 1.90, 24.17
CIE _{LCh}	61, 24.241, 85.501
Yxy	28.9453, 0.3775, 0.3904
Android (android.graphics.Color)	4289040488 (0xFFA59068)
YUV	145.7190, -20.5675, 16.9094
Hunter-Lab	53.8008, -1.2902, 18.6963

Details

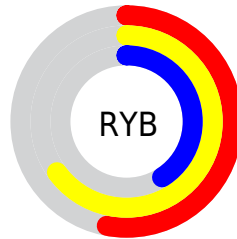
The Yxy color $28.9453, 0.3775, 0.3904$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $20.3259, 0.2522, 0.2585$, and the grayscale version is $28.7021, 0.3127, 0.3290$.

A 20% lighter version of the original color is $58.1606, 0.3640, 0.3779$, and $11.7357, 0.3994, 0.4112$ is the 20% darker color. If you saturate the color by 10%, you get $26.9661, 0.3981, 0.4067$, and if you desaturate by 10%, it is $31.0794, 0.3580, 0.3734$.

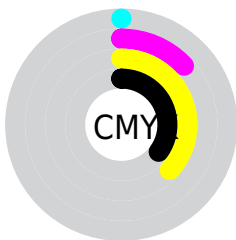
Distribution



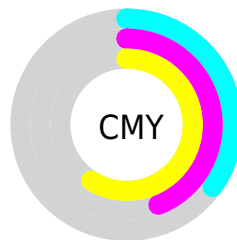
- Red (65%)
- Green (56%)
- Blue (41%)



- Red (53%)
- Yellow (65%)
- Blue (41%)



- Cyan (0%)
- Magenta (13%)
- Yellow (37%)
- Black (35%)



- Cyan (35%)
- Magenta (44%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.9453, 0.3775, 0.3904 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 28.9453, 0.3775, 0.3904 by changing the saturation by 10% instead.

■ 28.9453, 0.3775,
0.3904

■ 28.9453, 0.3775,
0.3904

■ 296.9568, 0.3428,
0.3578

■ 19.0394, 0.3868,
0.3990

■ 57.9902, 0.3644,
0.3782

■ 11.6988, 0.3991,
0.4102

■ 77.8980, 0.3596,
0.3737

■ 6.5389, 0.4158,
0.4253

■ 101.9085, 0.3556,
0.3699

■ 3.1755, 0.4398,
0.4464

■ 130.4063, 0.3523,
0.3668

■ 1.2240, 0.4996,
0.5004

■ 163.7756, 0.3494,
0.3641

■ 0.0812, 0.6035,
0.3965

■ 202.4008, 0.3469,

■ 0.0000, 0.0000,

0.3617

0.0000

246.6664, 0.3447,
0.3596

■ 28.9453, 0.3775,
0.3904

■ 28.9453, 0.3775,
0.3904

■ 26.9661, 0.3981,
0.4067

■ 31.0794, 0.3580,
0.3734

■ 25.1326, 0.4192,
0.4215

■ 33.3690, 0.3398,
0.3565

■ 23.4406, 0.4400,
0.4337

■ 35.8201, 0.3233,
0.3400

■ 21.8841, 0.4595,
0.4423

■ 38.4368, 0.3084,
0.3244

■ 20.4561, 0.4768,
0.4462

■ 41.2232, 0.2950,
0.3097

■ 19.1470, 0.4911,
0.4454

■ 44.1833, 0.2830,
0.2961

■ 18.7684, 0.4954,
0.4448

■ 47.3206, 0.2724,
0.2836

■ 50.6389, 0.2630,
0.2720

■ 54.1416, 0.2546,
0.2615

Harmonies

Analogous

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



28.9453, 0.3919, 0.3649



28.9453, 0.3775, 0.3904



28.9453, 0.3458, 0.4006

Triad

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



28.9453, 0.3775, 0.3904



28.9453, 0.2464, 0.3183



28.9453, 0.3150, 0.2780

Complementary

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



28.9453, 0.3775, 0.3904



20.3259, 0.2522, 0.2585

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.



28.9453, 0.2770, 0.2655



28.9453, 0.3775, 0.3904



28.9453, 0.2393, 0.2859

Square

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



28.9453, 0.3775, 0.3904



28.9453, 0.2704, 0.3572



28.9453, 0.2501, 0.2677



28.9453, 0.3547, 0.3020

Rectangle

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



28.9453, 0.3775, 0.3904



28.9453, 0.3198, 0.3953



28.9453, 0.2501, 0.2677



28.9453, 0.3016, 0.2723

Sweetspot

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



28.9466, 0.3775, 0.3904



62.2580, 0.3301, 0.3469



19.3898, 0.3689, 0.2957



13.4888, 0.3322, 0.3490



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.



28.9466, 0.3775, 0.3904



49.0393, 0.3936, 0.4033



34.9624, 0.3576, 0.4218



7.8248, 0.3269, 0.3437



14.2942, 0.4944, 0.4456



0.3830, 0.4614, 0.4718

Inverse Universe

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



20.3259, 0.2522, 0.2585



31.4385, 0.2385, 0.2403



16.1382, 0.2564, 0.2228



7.2400, 0.2987, 0.3139



4.3387, 0.1650, 0.1140



0.1766, 0.1854, 0.1874

Previews

White Background



This preview shows how the Yxy color 28.9453, 0.3775, 0.3904 looks on a white background.

Color Contrast Check

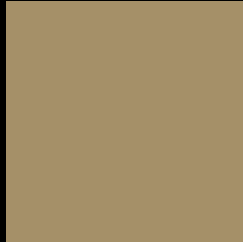
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.9453, 0.3775, 0.3904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

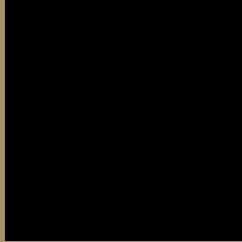
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.9453, 0.3775, 0.3904

Background



This preview shows how black text looks on a background with the Yxy color 28.9453, 0.3775, 0.3904.



This preview shows how white text looks on a background with the Yxy color 28.9453, 0.3775, 0.3904.

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

28.9453, 0.3775, 0.3904

Protanopia

28.8468, 0.3674, 0.3936

Deuteranopia

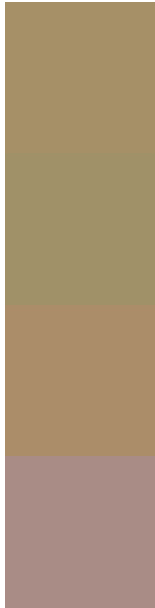
28.7748, 0.3890, 0.3810



Tritanopia

28.8929, 0.3366, 0.3128

Trichromacy



Original Color

28.9453, 0.3775, 0.3904

Protanomaly

28.8478, 0.3714, 0.3914

Deuteranomaly

28.7276, 0.3850, 0.3831

Tritanomaly

28.7745, 0.3513, 0.3397

Monochromacy



Original Color

28.9453, 0.3775, 0.3904

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

28.6618, 0.3353, 0.3513

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.9453, 0.3775, 0.3904 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(165, 144, 104)` looks like.

```
.text, #text, p{  
    color:rgb(165, 144, 104)  
}
```

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(165, 144, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 144, 104) }
```

Border

The CSS property to change the border of an element to Yxy 28.9453, 0.3775, 0.3904 is called "border". The border property can be set on classes, ids or directly on the HTML element.

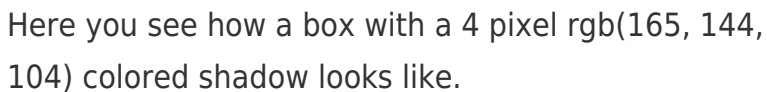
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(165, 144, 104) }
```

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

```
.border{ border-color:rgb(165, 144, 104) }
```

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



Here you see how a box with a 4 pixel `rgb(165, 144, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 144, 104); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 144, 104); box-shadow:4px 4px 4px 4px rgb(165, 144, 104) }
```


Background

The CSS property to change the background color of an element to Yxy 28.9453, 0.3775, 0.3904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 144, 104) }
```

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

```
.background{ background-color: rgb(165,  
144, 104) }
```

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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