

Converting Colors

$Y_{xy}(28.1755, 0.3784, 0.3560)$

Have a look what the booklet for
Yxy(28.1755, 0.3784, 0.3560)
contains.

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Color

Yxy(28.1464, 0.3789, 0.3558)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | B08876 |
| RGB | 176, 136, 118 |
| RGB Percent | 69%, 53%, 46% |
| CMY | 0.3099, 0.4666, 0.5373 |
| CMYK | 0.00, 0.23, 0.33, 0.31 |
| HSL | 19°, 27%, 58% |
| HSV | 19°, 33%, 69% |
| XYZ | 29.9738, 28.1464, 20.9872 |
| YIQ | 145.9080, 29.6180, 2.8820 |

Conversions

Conversions Part 2

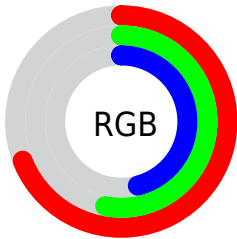
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 176, 144, 118 |
| Decimal | 11569270 |
| CIE _{Lab} | 60.02, 12.66, 15.54 |
| CIE _{LCh} | 60, 20.043, 50.837 |
| Yxy | 28.1464, 0.3789, 0.3558 |
| Android (android.graphics.Color) | 4289759350 (0xFFB08876) |
| YUV | 145.9080, -13.7586, 26.3907 |
| Hunter-Lab | 53.0532, 8.0052, 13.6828 |

Details

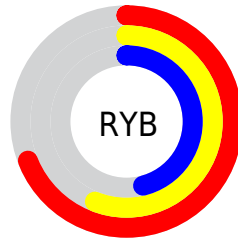
The Yxy color $28.1464, 0.3789, 0.3558$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $31.4187, 0.2631, 0.3003$, and the grayscale version is $28.7529, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.6211, 0.3656, 0.3505$, and $11.2353, 0.4019, 0.3624$ is the 20% darker color. If you saturate the color by 10%, you get $24.5427, 0.4067, 0.3641$, and if you desaturate by 10%, it is $32.2173, 0.3549, 0.3473$.

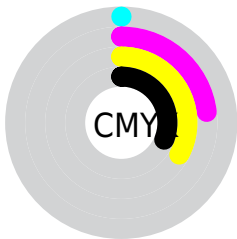
Distribution



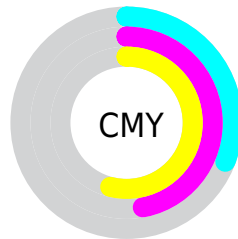
- Red (69%)
- Green (53%)
- Blue (46%)



- Red (69%)
- Yellow (56%)
- Blue (46%)



- Cyan (0%)
- Magenta (23%)
- Yellow (33%)
- Black (31%)




- Cyan (31%)
- Magenta (47%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.1464, 0.3789, 0.3558 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 28.1464, 0.3789, 0.3558 by changing the saturation by 10% instead.


 28.1464, 0.3789,
0.3558


 28.1464, 0.3789,
0.3558


293.1658, 0.3428,
0.3421

 18.4360, 0.3890,
0.3592


 56.7181, 0.3650,
0.3508

 11.2635, 0.4027,
0.3635


 76.3482, 0.3600,
0.3490

 6.2444, 0.4222,
0.3689


 100.0537, 0.3559,
0.3474

 2.9942, 0.4518,
0.3758

128.2190, 0.3524,
0.3460

 1.1287, 0.5419,
0.4136

161.2285, 0.3495,
0.3449

 0.0023, 0.9927,
0.0073

199.4665, 0.3469,

 0.0000, 0.0000,

0.3438

0.0000

243.3175, 0.3447,
0.3429

■ 28.1464, 0.3789,
0.3558

■ 28.1464, 0.3789,
0.3558

■ 24.5427, 0.4067,
0.3641

■ 32.2173, 0.3549,
0.3473

■ 21.3850, 0.4383,
0.3716

■ 36.7676, 0.3345,
0.3390

■ 18.6563, 0.4730,
0.3774


■ 41.8141, 0.3173,
0.3312


■ 16.3371, 0.5091,
0.3802


■ 47.3714, 0.3027,
0.3239


■ 14.4058, 0.5441,
0.3791

■ 53.4536, 0.2904,
0.3173


 12.8388, 0.5745,
0.3733

 60.0743, 0.2799,
0.3111

 11.9329, 0.5929,
0.3675

 67.2465, 0.2710,
0.3056

 74.7378, 0.2652,
0.3045

 81.8419, 0.2668,
0.3181

Harmonies

Analogous

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



28.1464, 0.3690, 0.3286



28.1464, 0.3789, 0.3558



28.1464, 0.3700, 0.3781

Triad

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



28.1464, 0.3789, 0.3558



28.1464, 0.2816, 0.3572



28.1464, 0.2786, 0.2748

Complementary

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



28.1464, 0.3789, 0.3558



31.4187, 0.2631, 0.3003

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.



28.1464, 0.2576, 0.2791



28.1464, 0.3789, 0.3558



28.1464, 0.2592, 0.3254

Square

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



28.1464, 0.3789, 0.3558



28.1464, 0.3130, 0.3810



28.1464, 0.2507, 0.2969



28.1464, 0.3096, 0.2835

Rectangle

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



28.1464, 0.3789, 0.3558



28.1464, 0.3550, 0.3867



28.1464, 0.2507, 0.2969



28.1464, 0.2702, 0.2747

Sweetspot

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



28.1477, 0.3789, 0.3558



69.1578, 0.3295, 0.3368



24.6690, 0.3361, 0.2710



14.7236, 0.3319, 0.3379



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



28.1477, 0.3789, 0.3558



45.9280, 0.4001, 0.3623



37.2212, 0.3662, 0.3950



8.9221, 0.3280, 0.3361



8.8515, 0.5909, 0.3690



0.3852, 0.5355, 0.4130

Inverse Universe

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



31.4187, 0.2631, 0.3003



52.8155, 0.2520, 0.2924



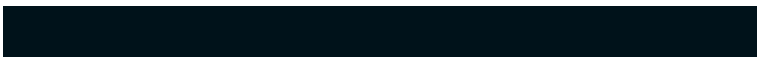
22.8384, 0.2572, 0.2529



9.1768, 0.2986, 0.3218



12.4901, 0.1961, 0.2258



0.4912, 0.2050, 0.2580

Previews

White Background



This preview shows how the Yxy color 28.1464, 0.3789, 0.3558 looks on a white background.

Color Contrast Check

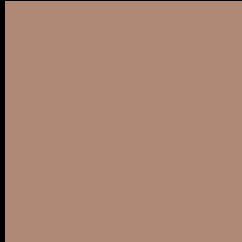
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.1464, 0.3789, 0.3558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

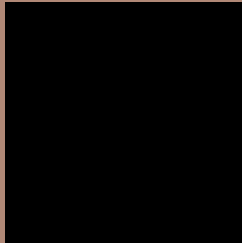
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.1464, 0.3789, 0.3558

Background



This preview shows how black text looks on a background with the Yxy color 28.1464, 0.3789, 0.3558.



This preview shows how white text looks on a background with the Yxy color 28.1464, 0.3789, 0.3558.

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

28.1464, 0.3789, 0.3558

Protanopia

28.4282, 0.3446, 0.3659

Deuteranopia

28.0744, 0.3694, 0.3627



Tritanopia

28.0694, 0.3549, 0.3133

Trichromacy



Original Color

28.1464, 0.3789, 0.3558

Protanomaly

28.3035, 0.3557, 0.3619

Deuteranomaly

28.1192, 0.3733, 0.3608

Tritanomaly

27.9613, 0.3639, 0.3277

Monochromacy



Original Color

28.1464, 0.3789, 0.3558

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

28.2917, 0.3352, 0.3385

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.1464, 0.3789, 0.3558 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(176, 136, 118)` looks like.

```
.text, #text, p{  
    color:rgb(176, 136, 118)  
}
```

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(176, 136, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 136, 118) }
```

Border

The CSS property to change the border of an element to Yxy 28.1464, 0.3789, 0.3558 is called "border". The border property can be set on classes, ids or directly on the HTML element.

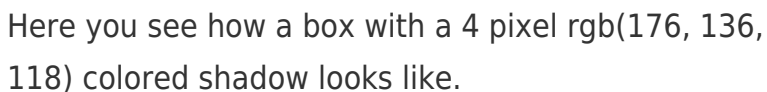
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 136, 118) }
```

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

```
.border{ border-color:rgb(176, 136, 118) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 136, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 136, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 136, 118); box-shadow:4px 4px 4px 4px rgb(176, 136, 118) }
```


Background

The CSS property to change the background color of an element to Yxy 28.1464, 0.3789, 0.3558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 136, 118) }
```

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

```
.background{ background-color: rgb(176,  
136, 118) }
```

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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