

Converting Colors

$Y_{xy}(28.4013, 0.3754, 0.3756)$

Have a look what the booklet for
Yxy(28.4013, 0.3754, 0.3756)
contains.

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Color

Yxy(28.5004, 0.3761, 0.3763)

Conversions

Conversions Part 1

Format	Color
Hex	A88D6E
RGB	168, 141, 110
RGB Percent	66%, 55%, 43%
CMY	0.3412, 0.4470, 0.5686
CMYK	0.00, 0.16, 0.35, 0.34
HSL	32°, 25%, 55%
HSV	32°, 35%, 66%
XYZ	28.4853, 28.5004, 18.7529
YIQ	145.5390, 26.0430, -3.9170

Conversions

Conversions Part 2

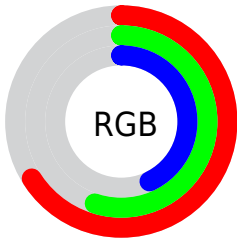
Format	Color
R_{YB}	161, 168, 110
Decimal	11046254
CIE _{Lab}	60.34, 5.56, 20.34
CIE _{LCh}	60, 21.088, 74.714
Yxy	28.5004, 0.3761, 0.3763
Android (android.graphics.Color)	4289236334 (0xFFA88D6E)
YUV	145.5390, -17.5207, 19.6983
Hunter-Lab	53.3858, 1.8179, 16.5432

Details

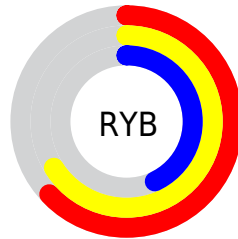
The Yxy color $28.5004, 0.3761, 0.3763$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $24.0268, 0.2581, 0.2763$, and the grayscale version is $28.6113, 0.3127, 0.3290$.

A 20% lighter version of the original color is $57.4861, 0.3627, 0.3672$, and $11.4748, 0.3985, 0.3915$ is the 20% darker color. If you saturate the color by 10%, you get $25.9456, 0.3991, 0.3901$, and if you desaturate by 10%, it is $31.2898, 0.3551, 0.3621$.

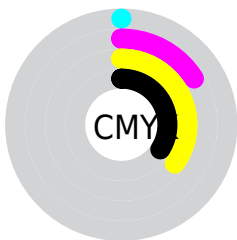
Distribution



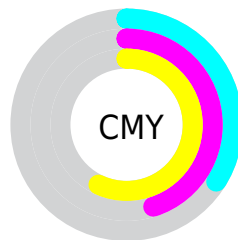
- Red (66%)
- Green (55%)
- Blue (43%)



- Red (63%)
- Yellow (66%)
- Blue (43%)



- Cyan (0%)
- Magenta (16%)
- Yellow (35%)
- Black (34%)



- Cyan (34%)
- Magenta (45%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.5004, 0.3761, 0.3763 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 28.5004, 0.3761, 0.3763 by changing the saturation by 10% instead.


 28.5004, 0.3761,
0.3763


 28.5004, 0.3761,
0.3763


294.8503, 0.3418,
0.3514

 18.7032, 0.3855,
0.3828


 57.2824, 0.3630,
0.3670


 11.4560, 0.3981,
0.3913


 77.0359, 0.3583,
0.3636

 6.3744, 0.4157,
0.4027


 100.8771, 0.3544,
0.3607

 3.0741, 0.4414,
0.4183

 129.1902, 0.3511,
0.3583

 1.1705, 0.5231,
0.4769

162.3597, 0.3482,
0.3562

 0.0374, 0.8207,
0.1793

200.7700, 0.3458,

 0.0000, 0.0000,

0.3544

0.0000

244.8054, 0.3437,
0.3528

■ 28.5004, 0.3761,
0.3763

■ 28.5004, 0.3761,
0.3763

■ 25.9456, 0.3991,
0.3901

■ 31.2898, 0.3551,
0.3621

■ 23.6143, 0.4238,
0.4028

■ 34.3168, 0.3363,
0.3482

■ 21.4999, 0.4494,
0.4133

■ 37.5892, 0.3196,
0.3348

■ 19.5942, 0.4748,
0.4204

■ 41.1132, 0.3049,
0.3222

■ 17.8878, 0.4984,
0.4230

■ 44.8947, 0.2920,
0.3105

■ 16.3701, 0.5190,
0.4204

■ 48.9395, 0.2807,
0.2997

■ 15.6073, 0.5296,
0.4177

■ 53.2531, 0.2708,
0.2898

■ 57.8409, 0.2621,
0.2807

■ 62.3028, 0.2576,
0.2788

Harmonies

Analogous

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



28.5004, 0.3816, 0.3513



28.5004, 0.3761, 0.3763



28.5004, 0.3532, 0.3903

Triad

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



28.5004, 0.3761, 0.3763



28.5004, 0.2605, 0.3320



28.5004, 0.3022, 0.2786

Complementary

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



28.5004, 0.3761, 0.3763



24.0268, 0.2581, 0.2763

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.



28.5004, 0.2715, 0.2721



28.5004, 0.3761, 0.3763



28.5004, 0.2484, 0.3006

Square

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



28.5004, 0.3761, 0.3763



28.5004, 0.2863, 0.3648



28.5004, 0.2523, 0.2794



28.5004, 0.3376, 0.2967

Rectangle

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



28.5004, 0.3761, 0.3763



28.5004, 0.3317, 0.3902



28.5004, 0.2523, 0.2794



28.5004, 0.2910, 0.2750

Sweetspot

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



28.5017, 0.3761, 0.3763



64.8038, 0.3288, 0.3423



21.2839, 0.3549, 0.2879



13.9522, 0.3311, 0.3441



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.



28.5017, 0.3761, 0.3763



48.3325, 0.3926, 0.3864



37.2372, 0.3616, 0.4137



8.1817, 0.3273, 0.3411



11.8921, 0.5282, 0.4188



0.3902, 0.4835, 0.4543

Inverse Universe

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



24.0268, 0.2581, 0.2763



39.0354, 0.2462, 0.2630



17.4202, 0.2538, 0.2289



7.8543, 0.2987, 0.3166



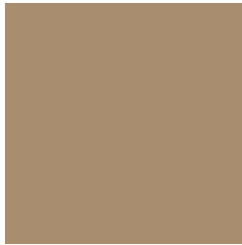
6.3674, 0.1748, 0.1494



0.2580, 0.1926, 0.2134

Previews

White Background



This preview shows how the Yxy color 28.5004, 0.3761, 0.3763 looks on a white background.

Color Contrast Check

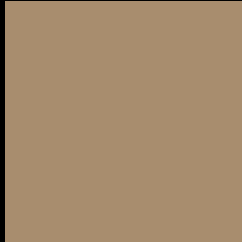
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.5004, 0.3761, 0.3763 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

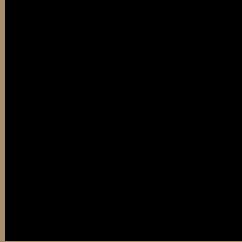
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.5004, 0.3761, 0.3763

Background



This preview shows how black text looks on a background with the Yxy color 28.5004, 0.3761, 0.3763.



This preview shows how white text looks on a background with the Yxy color 28.5004, 0.3761, 0.3763.

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

28.5004, 0.3761, 0.3763

Protanopia

28.3892, 0.3573, 0.3818

Deuteranopia

28.5399, 0.3801, 0.3742



Tritanopia

28.4856, 0.3415, 0.3129

Trichromacy



Original Color

28.5004, 0.3761, 0.3763

Protanomaly

28.5678, 0.3644, 0.3808

Deuteranomaly

28.4280, 0.3789, 0.3744

Tritanomaly

28.5561, 0.3542, 0.3351

Monochromacy



Original Color

28.5004, 0.3761, 0.3763

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

28.5100, 0.3346, 0.3465

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.5004, 0.3761, 0.3763 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(168, 141, 110)` looks like.

```
.text, #text, p{  
    color:rgb(168, 141, 110)  
}
```

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(168, 141, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 141, 110) }
```

Border

The CSS property to change the border of an element to Yxy 28.5004, 0.3761, 0.3763 is called "border". The border property can be set on classes, ids or directly on the HTML element.

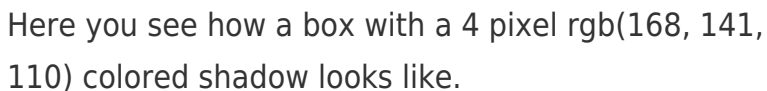
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 141, 110) }
```

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

```
.border{ border-color:rgb(168, 141, 110) }
```

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



Here you see how a box with a 4 pixel `rgb(168, 141, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 141, 110); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 141, 110); box-shadow:4px 4px 4px 4px rgb(168, 141, 110) }
```


Background

The CSS property to change the background color of an element to Yxy 28.5004, 0.3761, 0.3763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 141, 110) }
```

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

```
.background{ background-color: rgb(168,  
141, 110) }
```

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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