

Converting Colors

$Y_{xy}(24.4464, 0.3732, 0.3519)$

Have a look what the booklet for
Yxy(24.4464, 0.3732, 0.3519)
contains.

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Color

Yxy(24.5231, 0.3741, 0.3528)

Conversions

Conversions Part 1

Format	Color
Hex	A48071
RGB	164, 128, 113
RGB Percent	64%, 50%, 44%
CMY	0.3570, 0.4980, 0.5569
CMYK	0.00, 0.22, 0.31, 0.36
HSL	18°, 22%, 54%
HSV	18°, 31%, 64%
XYZ	26.0037, 24.5231, 18.9832
YIQ	137.0540, 26.2710, 2.9670

Conversions

Conversions Part 2

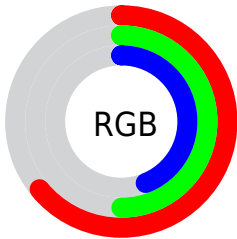
Format	Color
R_{YB}	164, 134, 113
Decimal	10780785
CIE _{Lab}	56.61, 11.63, 13.46
CIE _{LCh}	57, 17.783, 49.175
Yxy	24.5231, 0.3741, 0.3528
Android (android.graphics.Color)	4288970865 (0xFFA48071)
YUV	137.0540, -11.8586, 23.6316
Hunter-Lab	49.5208, 7.0700, 11.9365

Details

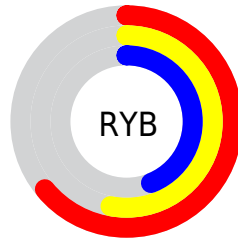
The Yxy color $24.5231, 0.3741, 0.3528$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $27.6640, 0.2662, 0.3038$, and the grayscale version is $25.0755, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.9800, 0.3607, 0.3481$, and $9.3531, 0.3976, 0.3608$ is the 20% darker color. If you saturate the color by 10%, you get $21.3407, 0.4013, 0.3607$, and if you desaturate by 10%, it is $28.1183, 0.3508, 0.3448$.

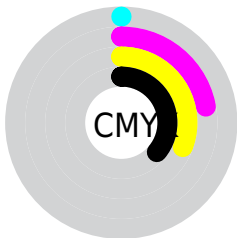
Distribution



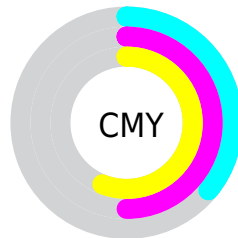
- Red (64%)
- Green (50%)
- Blue (44%)



- Red (64%)
- Yellow (53%)
- Blue (44%)



- Cyan (0%)
- Magenta (22%)
- Yellow (31%)
- Black (36%)





- Cyan (36%)
- Magenta (50%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.5231, 0.3741, 0.3528 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 24.5231, 0.3741, 0.3528 by changing the saturation by 10% instead.


 24.5231, 0.3741,
0.3528

 24.5231, 0.3741,
0.3528


275.4545, 0.3399,
0.3404


 15.7221, 0.3840,
0.3560


 50.8825, 0.3607,
0.3482


 9.3277, 0.3977,
0.3601


 69.2097, 0.3560,
0.3465

 4.9556, 0.4176,
0.3655

 91.4810, 0.3521,
0.3450

 2.2212, 0.4492,
0.3724

 118.0810, 0.3488,
0.3438

 0.7315, 0.5743,
0.4257

149.3939, 0.3461,
0.3428

 0.0000, 0.0000,
0.0000

185.8042, 0.3437,

0.3419

227.6963, 0.3417,
0.3411

■ 24.5231, 0.3741,
0.3528

■ 24.5231, 0.3741,
0.3528

■ 21.3407, 0.4013,
0.3607

■ 28.1183, 0.3508,
0.3448

■ 18.5526, 0.4324,
0.3680

■ 32.1371, 0.3310,
0.3371

■ 16.1438, 0.4670,
0.3738


■ 36.5942, 0.3144,
0.3298

■ 14.0972, 0.5035,
0.3771


■ 41.5026, 0.3003,
0.3230

■ 12.3940, 0.5396,
0.3767


■ 46.8746, 0.2884,
0.3168

 11.0137, 0.5717,
0.3719

 52.7221, 0.2783,
0.3111

 10.0304, 0.5959,
0.3651

 59.0567, 0.2698,
0.3060

 65.8894, 0.2624,
0.3013

 72.8676, 0.2588,
0.3030

Harmonies

Analogous

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



24.5231, 0.3639, 0.3273



24.5231, 0.3741, 0.3528



24.5231, 0.3668, 0.3738

Triad

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



24.5231, 0.3741, 0.3528



24.5231, 0.2853, 0.3566



24.5231, 0.2796, 0.2783

Complementary

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



24.5231, 0.3741, 0.3528



27.6640, 0.2662, 0.3038

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.



24.5231, 0.2606, 0.2832



24.5231, 0.3741, 0.3528



24.5231, 0.2638, 0.3274

Square

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



24.5231, 0.3741, 0.3528



24.5231, 0.3149, 0.3780



24.5231, 0.2550, 0.3005



24.5231, 0.3082, 0.2857

Rectangle

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



24.5231, 0.3741, 0.3528



24.5231, 0.3534, 0.3821



24.5231, 0.2550, 0.3005



24.5231, 0.2720, 0.2785

Sweetspot

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



24.5242, 0.3741, 0.3528



59.8525, 0.3276, 0.3356



21.8839, 0.3333, 0.2735



12.8484, 0.3301, 0.3367



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.



24.5242, 0.3741, 0.3528



40.6342, 0.3916, 0.3581



31.8370, 0.3630, 0.3897



7.4105, 0.3278, 0.3357



7.7686, 0.5942, 0.3664



0.2414, 0.5276, 0.4193

Inverse Universe

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



27.6640, 0.2662, 0.3038



47.2011, 0.2568, 0.2975



20.6136, 0.2612, 0.2599



7.6569, 0.2987, 0.3222



11.6561, 0.1978, 0.2320



0.3206, 0.2087, 0.2712

Previews

White Background



This preview shows how the Yxy color 24.5231, 0.3741, 0.3528 looks on a white background.

Color Contrast Check

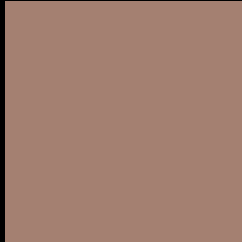
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.5231, 0.3741, 0.3528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

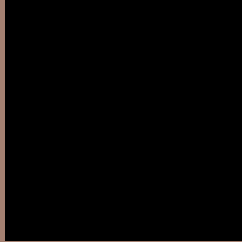
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.5231, 0.3741, 0.3528

Background



This preview shows how black text looks on a background with the Yxy color 24.5231, 0.3741, 0.3528.



This preview shows how white text looks on a background with the Yxy color 24.5231, 0.3741, 0.3528.

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

24.5231, 0.3741, 0.3528

Protanopia

24.7323, 0.3410, 0.3613

Deuteranopia

24.5705, 0.3654, 0.3599



Tritanopia

24.5235, 0.3510, 0.3137

Trichromacy



Original Color

24.5231, 0.3741, 0.3528

Protanomaly

24.6153, 0.3527, 0.3572

Deuteranomaly

24.6087, 0.3695, 0.3579

Tritanomaly

24.4533, 0.3591, 0.3276

Monochromacy



Original Color

24.5231, 0.3741, 0.3528

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

24.8118, 0.3341, 0.3390

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.5231, 0.3741, 0.3528 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, 128, 113)` looks like.

```
.text, #text, p{  
    color:rgb(164, 128, 113)  
}
```

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, 128, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 128, 113) }
```

Border

The CSS property to change the border of an element to Yxy 24.5231, 0.3741, 0.3528 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, 128, 113) }
```

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

```
.border{ border-color:rgb(164, 128, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 128, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 128, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 128, 113);  
box-shadow:4px 4px 4px 4px rgb(164, 128,  
113) }
```


Background

The CSS property to change the background color of an element to Yxy 24.5231, 0.3741, 0.3528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 128, 113) }
```

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

```
.background{ background-color: rgb(164,  
128, 113) }
```

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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