

Converting Colors

$Yxy(24.9227, 0.3796, 0.3730)$

Have a look what the booklet for
Yxy(24.9227, 0.3796, 0.3730)
contains.

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Color

Yxy(24.8091, 0.3797, 0.3721)

Conversions

Conversions Part 1

Format	Color
Hex	A18368
RGB	161, 131, 104
RGB Percent	63%, 51%, 41%
CMY	0.3685, 0.4863, 0.5922
CMYK	0.00, 0.19, 0.35, 0.37
HSL	28°, 23%, 52%
HSV	28°, 35%, 63%
XYZ	25.3158, 24.8091, 16.5483
YIQ	136.8920, 26.5470, -2.0370

Conversions

Conversions Part 2

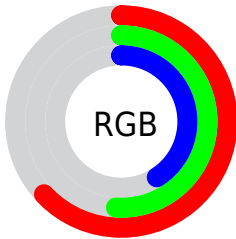
Format	Color
R_{YB}	161, 155, 104
Decimal	10584936
CIE _{Lab}	56.89, 7.53, 18.94
CIE _{LCh}	57, 20.379, 68.328
Yxy	24.8091, 0.3797, 0.3721
Android (android.graphics.Color)	4288775016 (0xFFFA18368)
YUV	136.8920, -16.2158, 21.1427
Hunter-Lab	49.8087, 3.5592, 15.1678

Details

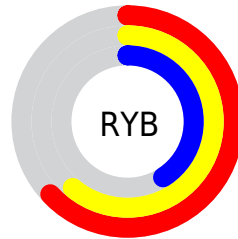
The Yxy color **24.8091, 0.3797, 0.3721** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **22.5714, 0.2576, 0.2813**, and the grayscale version is **25.0291, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.3993, 0.3657, 0.3638**, and **9.5181, 0.4034, 0.3862** is the 20% darker color. If you saturate the color by 10%, you get **22.3289, 0.4042, 0.3844**, and if you desaturate by 10%, it is **27.5404, 0.3576, 0.3595**.

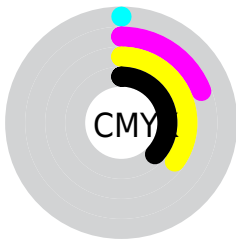
Distribution



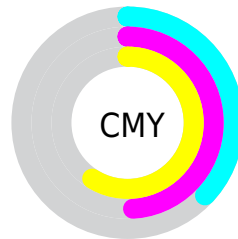
- Red (63%)
- Green (51%)
- Blue (41%)



- Red (63%)
- Yellow (61%)
- Blue (41%)



- Cyan (0%)
- Magenta (19%)
- Yellow (35%)
- Black (37%)





- Cyan (37%)
- Magenta (49%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.8091, 0.3797, 0.3721 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 24.8091, 0.3797, 0.3721 by changing the saturation by 10% instead.


 24.8091, 0.3797,
0.3721


 24.8091, 0.3797,
0.3721


276.8859, 0.3426,
0.3491


 15.9349, 0.3903,
0.3782


 51.3474, 0.3653,
0.3634


 9.4781, 0.4046,
0.3862


 69.7802, 0.3602,
0.3603

 5.0543, 0.4252,
0.3969

 92.1680, 0.3559,
0.3576

 2.2792, 0.4583,
0.4128

 118.8952, 0.3524,
0.3554

 0.7626, 0.5442,
0.4558

150.3462, 0.3494,
0.3535

 0.0000, 0.0000,
0.0000

186.9054, 0.3468,

0.3518

228.9572, 0.3446,
0.3504

■ 24.8091, 0.3797,
0.3721

■ 24.8091, 0.3797,
0.3721

■ 22.3289, 0.4042,
0.3844

■ 27.5404, 0.3576,
0.3595

■ 20.0884, 0.4309,
0.3955

■ 30.5271, 0.3381,
0.3471

■ 18.0802, 0.4589,
0.4044

■ 33.7773, 0.3210,
0.3352

■ 16.2951, 0.4871,
0.4099

■ 37.2980, 0.3061,
0.3240

■ 14.7230, 0.5135,
0.4109

■ 41.0958, 0.2932,
0.3136

■ 13.3521, 0.5367,
0.4067

■ 45.1770, 0.2819,
0.3040

■ 12.7824, 0.5469,
0.4040

■ 49.5478, 0.2722,
0.2952

■ 54.2141, 0.2636,
0.2872

■ 59.1817, 0.2562,
0.2799

Harmonies

Analogous

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



24.8091, 0.3810, 0.3454



24.8091, 0.3797, 0.3721



24.8091, 0.3598, 0.3894

Triad

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



24.8091, 0.3797, 0.3721



24.8091, 0.2644, 0.3394



24.8091, 0.2948, 0.2755

Complementary

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



24.8091, 0.3797, 0.3721



22.5714, 0.2576, 0.2813

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.



24.8091, 0.2657, 0.2718



24.8091, 0.3797, 0.3721



24.8091, 0.2490, 0.3064

Square

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



24.8091, 0.3797, 0.3721



24.8091, 0.2928, 0.3713



24.8091, 0.2495, 0.2823



24.8091, 0.3304, 0.2916

Rectangle

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



24.8091, 0.3797, 0.3721



24.8091, 0.3392, 0.3920



24.8091, 0.2495, 0.2823



24.8091, 0.2840, 0.2728

Sweetspot

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



24.8103, 0.3797, 0.3721



57.0474, 0.3307, 0.3420



19.2108, 0.3509, 0.2811



12.3531, 0.3328, 0.3435



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



24.8103, 0.3797, 0.3721



40.6633, 0.4001, 0.3824



33.4167, 0.3656, 0.4125



7.6132, 0.3274, 0.3397



10.2864, 0.5456, 0.4050



0.3106, 0.4896, 0.4494

Inverse Universe

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



22.5714, 0.2576, 0.2813



36.0072, 0.2445, 0.2677



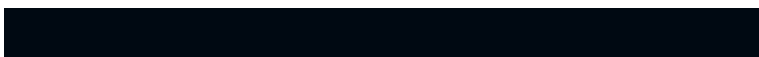
15.8023, 0.2507, 0.2292



7.4482, 0.2987, 0.3181



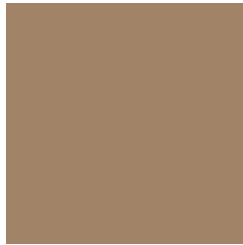
7.2966, 0.1805, 0.1697



0.2472, 0.1981, 0.2333

Previews

White Background



This preview shows how the Yxy color 24.8091, 0.3797, 0.3721 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 24.8091, 0.3797, 0.3721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

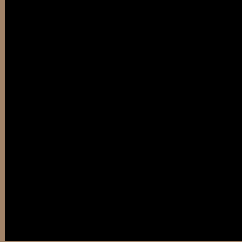
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.8091, 0.3797, 0.3721

Background



This preview shows how black text looks on a background with the Yxy color 24.8091, 0.3797, 0.3721.



This preview shows how white text looks on a background with the Yxy color 24.8091, 0.3797, 0.3721.

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

24.8091, 0.3797, 0.3721

Protanopia

24.7599, 0.3567, 0.3797

Deuteranopia

24.8091, 0.3797, 0.3721



Tritanopia

24.8488, 0.3468, 0.3152

Trichromacy



Original Color

24.8091, 0.3797, 0.3721

Protanomaly

24.6494, 0.3647, 0.3772

Deuteranomaly

24.8091, 0.3797, 0.3721

Tritanomaly

24.6801, 0.3596, 0.3354

Monochromacy



Original Color

24.8091, 0.3797, 0.3721

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

24.9196, 0.3360, 0.3457

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.8091, 0.3797, 0.3721 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(161, 131, 104)` looks like.

```
.text, #text, p{  
    color:rgb(161, 131, 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(161, 131, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 131, 104) }
```

Border

The CSS property to change the border of an element to Yxy 24.8091, 0.3797, 0.3721 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(161, 131, 104) }
```

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

```
.border{ border-color:rgb(161, 131, 104) }
```

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

Here you see how a box with a 4 pixel rgb(161, 131, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 131, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 131, 104);  
box-shadow:4px 4px 4px 4px rgb(161, 131,  
104) }
```


Background

The CSS property to change the background color of an element to Yxy 24.8091, 0.3797, 0.3721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 131, 104) }
```

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

```
.background{ background-color: rgb(161,  
131, 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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