

Converting Colors

$Y_{xy}(22.5148, 0.3665, 0.3774)$

Have a look what the booklet for
Yxy(22.5148, 0.3665, 0.3774)
contains.

Yxy(22.4694, 0.3671, 0.3771)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(22.4694, 0.3671, 0.3771)

Conversions

Conversions Part 1

Format	Color
Hex	928064
RGB	146, 128, 100
RGB Percent	57%, 50%, 39%
CMY	0.4275, 0.4980, 0.6078
CMYK	0.00, 0.12, 0.32, 0.43
HSL	37°, 19%, 48%
HSV	37°, 32%, 57%
XYZ	21.8736, 22.4694, 15.2418
YIQ	130.1900, 19.7160, -4.8920

Conversions

Conversions Part 2

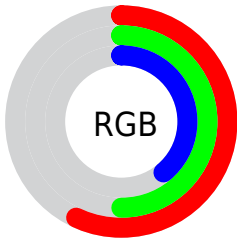
Format	Color
R_{YB}	130, 146, 100
Decimal	9601124
CIE _{Lab}	54.52, 2.43, 17.74
CIE _{LCh}	55, 17.909, 82.190
Yxy	22.4694, 0.3671, 0.3771
Android (android.graphics.Color)	4287791204 (0xFF928064)
YUV	130.1900, -14.8837, 13.8654
Hunter-Lab	47.4019, -0.5847, 14.1170

Details

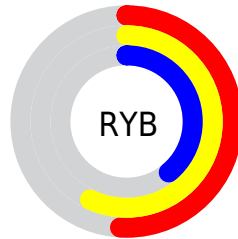
The Yxy color **22.4694, 0.3671, 0.3771** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.7421, 0.2628, 0.2755**, and the grayscale version is **22.4430, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.6996, 0.3555, 0.3671**, and **8.2819, 0.3889, 0.3948** is the 20% darker color. If you saturate the color by 10%, you get **20.7640, 0.3878, 0.3927**, and if you desaturate by 10%, it is **24.3115, 0.3480, 0.3613**.

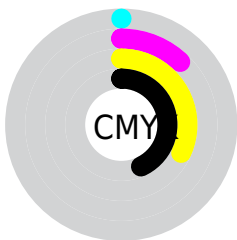
Distribution



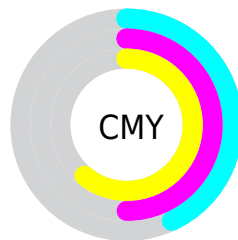
- Red (57%)
- Green (50%)
- Blue (39%)



- Red (51%)
- Yellow (57%)
- Blue (39%)



- Cyan (0%)
- Magenta (12%)
- Yellow (32%)
- Black (43%)




- Cyan (43%)
- Magenta (50%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 22.4694, 0.3671, 0.3771 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 22.4694, 0.3671, 0.3771 by changing the saturation by 10% instead.


 22.4694, 0.3671,
0.3771

 22.4694, 0.3671,
0.3771


264.9879, 0.3367,
0.3505


 14.2022, 0.3759,
0.3846


 47.5206, 0.3552,
0.3668


 8.2614, 0.3880,
0.3949


 65.0734, 0.3510,
0.3631

 4.2627, 0.4056,
0.4094

 86.4902, 0.3475,
0.3601

 1.8216, 0.4396,
0.4378

 112.1554, 0.3446,
0.3575

 0.5006, 0.5167,
0.4833

142.4533, 0.3422,
0.3554

 0.0000, 0.0000,
0.0000

177.7685, 0.3401,

0.3535

218.4852, 0.3383,
0.3519

■ 22.4694, 0.3671,
0.3771

■ 22.4694, 0.3671,
0.3771

■ 20.7640, 0.3878,
0.3927

■ 24.3115, 0.3480,
0.3613

■ 19.1880, 0.4097,
0.4074

■ 26.2910, 0.3306,
0.3459

■ 17.7382, 0.4322,
0.4202

■ 28.4125, 0.3149,
0.3311

■ 16.4098, 0.4543,
0.4301

■ 30.6796, 0.3010,
0.3173

■ 15.1976, 0.4750,
0.4361

■ 33.0956, 0.2886,
0.3043

■ 14.0958, 0.4932,
0.4372

■ 35.6636, 0.2776,
0.2924

■ 13.2349, 0.5072,
0.4355

■ 38.3868, 0.2679,
0.2814

■ 41.2682, 0.2592,
0.2713

■ 44.3105, 0.2516,
0.2621

Harmonies

Analogous

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



22.4694, 0.3764, 0.3561



22.4694, 0.3671, 0.3771



22.4694, 0.3431, 0.3861

Triad

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



22.4694, 0.3671, 0.3771



22.4694, 0.2604, 0.3242



22.4694, 0.3112, 0.2857

Complementary

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



22.4694, 0.3671, 0.3771



17.7421, 0.2628, 0.2755

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.



22.4694, 0.2810, 0.2768



22.4694, 0.3671, 0.3771



22.4694, 0.2529, 0.2971

Square

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



22.4694, 0.3671, 0.3771



22.4694, 0.2816, 0.3548



22.4694, 0.2602, 0.2804



22.4694, 0.3433, 0.3047

Rectangle

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



22.4694, 0.3671, 0.3771



22.4694, 0.3224, 0.3829



22.4694, 0.2602, 0.2804



22.4694, 0.3005, 0.2814

Sweetspot

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



22.4704, 0.3671, 0.3771



47.2267, 0.3268, 0.3424



16.5439, 0.3540, 0.2972



10.3991, 0.3289, 0.3444



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



22.4704, 0.3671, 0.3771



37.4301, 0.3820, 0.3885



27.1757, 0.3534, 0.4064



6.3675, 0.3268, 0.3425



11.6909, 0.5067, 0.4359



0.2006, 0.4599, 0.4730

Inverse Universe

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



17.7421, 0.2628, 0.2755



27.7087, 0.2506, 0.2608



14.1700, 0.2640, 0.2410



5.9830, 0.2989, 0.3152



4.4532, 0.1689, 0.1279



0.1090, 0.1919, 0.2109

Previews

White Background



This preview shows how the Yxy color 22.4694, 0.3671, 0.3771 looks on a white background.

Color Contrast Check

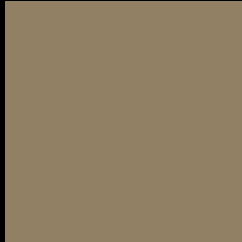
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.4694, 0.3671, 0.3771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

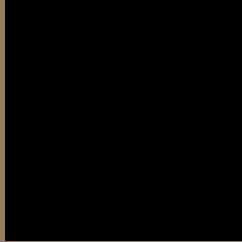
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.4694, 0.3671, 0.3771

Background



This preview shows how black text looks on a background with the Yxy color 22.4694, 0.3671, 0.3771.



This preview shows how white text looks on a background with the Yxy color 22.4694, 0.3671, 0.3771.

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

22.4694, 0.3671, 0.3771

Protanopia

22.3938, 0.3562, 0.3802

Deuteranopia

22.3791, 0.3764, 0.3691



Tritanopia

22.5928, 0.3341, 0.3142

Trichromacy



Original Color

22.4694, 0.3671, 0.3771

Protanomaly

22.3909, 0.3604, 0.3779

Deuteranomaly

22.3453, 0.3720, 0.3713

Tritanomaly

22.4373, 0.3469, 0.3358

Monochromacy



Original Color

22.4694, 0.3671, 0.3771

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

22.2667, 0.3322, 0.3467

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.4694, 0.3671, 0.3771 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(146, 128, 100)` looks like.

```
.text, #text, p{  
    color:rgb(146, 128, 100)  
}
```

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(146, 128, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 128, 100) }
```

Border

The CSS property to change the border of an element to Yxy 22.4694, 0.3671, 0.3771 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(146, 128, 100) }
```

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

```
.border{ border-color:rgb(146, 128, 100) }
```

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

Here you see how a box with a 4 pixel rgb(146, 128, 100) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 128, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 128, 100);  
box-shadow:4px 4px 4px 4px rgb(146, 128,  
100) }
```


Background

The CSS property to change the background color of an element to Yxy 22.4694, 0.3671, 0.3771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 128, 100) }
```

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

```
.background{ background-color: rgb(146,  
128, 100) }
```

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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