

Converting Colors

$Y_{xy}(22.8393, 0.4092, 0.3274)$

Have a look what the booklet for
Yxy(22.8393, 0.4092, 0.3274)
contains.

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Color

Yxy(22.8530, 0.4106, 0.3279)

Conversions

Conversions Part 1

Format	Color
Hex	B96F70
RGB	185, 111, 112
RGB Percent	73%, 44%, 44%
CMY	0.2745, 0.5647, 0.5609
CMYK	0.00, 0.40, 0.39, 0.27
HSL	359°, 35%, 58%
HSV	359°, 40%, 73%
XYZ	28.6168, 22.8530, 18.2253
YIQ	133.2400, 43.7830, 15.9990

Conversions

Conversions Part 2

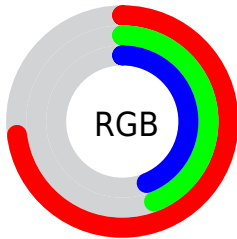
Format	Color
RYB	185, 111, 112
Decimal	12152688
CIELab	54.92, 29.43, 12.06
CIElCh	55, 31.799, 22.278
Yxy	22.8530, 0.4106, 0.3279
Android (android.graphics.Color)	4290342768 (0xFFB96F70)
YUV	133.2400, -10.4713, 45.3935
Hunter-Lab	47.8048, 23.1947, 10.8595

Details

The Yxy color **22.8530, 0.4106, 0.3279** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **41.5424, 0.2589, 0.3303**, and the grayscale version is **23.5746, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.2859, 0.3882, 0.3292**, and **8.4825, 0.4491, 0.3256** is the 20% darker color. If you saturate the color by 10%, you get **18.8600, 0.4499, 0.3277**, and if you desaturate by 10%, it is **27.7668, 0.3778, 0.3282**.

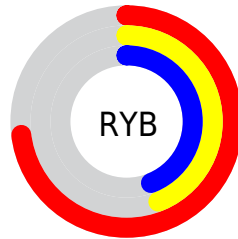
Distribution



Red (73%)

Green (44%)

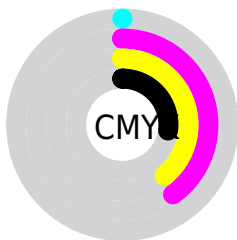
Blue (44%)



Red (73%)

Yellow (44%)

Blue (44%)

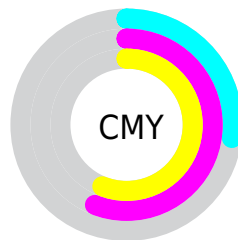


Cyan (0%)

Magenta (40%)

Yellow (39%)

Black (27%)



Cyan (27%)


Magenta (56%)

Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.8530, 0.4106, 0.3279 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 22.8530, 0.4106, 0.3279 by changing the saturation by 10% instead.


 22.8530, 0.4106,
0.3279


 22.8530, 0.4106,
0.3279


266.9691, 0.3554,
0.3301


 14.4850, 0.4268,
0.3265


 48.1518, 0.3888,
0.3292

 8.4588, 0.4493,
0.3241


 65.8515, 0.3812,
0.3295

 4.3899, 0.4823,
0.3194

 87.4304, 0.3749,
0.3297

 1.8940, 0.5347,
0.3092

 113.2731, 0.3697,
0.3299

 0.5447, 0.7048,
0.2952

143.7639, 0.3653,
0.3300

 0.0000, 1.0000,
0.0000


179.2873, 0.3615,


 0.0000, 0.0000,


0.3300

0.0000


220.2275, 0.3582,
0.3301

 22.8530, 0.4106,
0.3279


 22.8530, 0.4106,
0.3279


 18.8600, 0.4499,
0.3277


 27.7668, 0.3778,
0.3282


 15.7273, 0.4947,
0.3277


 33.6502, 0.3512,
0.3284


 13.3929, 0.5420,
0.3278


 40.5525, 0.3298,
0.3287


 11.7844, 0.5859,
0.3282


 48.5187, 0.3127,
0.3290


 10.8171, 0.6192,
0.3289

 57.5912, 0.2990,
0.3293

 10.3204, 0.6387,
0.3292

 67.8099, 0.2879,
0.3295

 79.2130, 0.2789,
0.3297

 89.0551, 0.2726,
0.3289

Harmonies

Analogous

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



22.8530, 0.3663, 0.2871



22.8530, 0.4106, 0.3279



22.8530, 0.4253, 0.3718

Triad

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



22.8530, 0.4106, 0.3279



22.8530, 0.3084, 0.4198



22.8530, 0.2235, 0.2453

Complementary

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



22.8530, 0.4106, 0.3279



41.5424, 0.2589, 0.3303

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.



22.8530, 0.2115, 0.2711



22.8530, 0.4106, 0.3279



22.8530, 0.2574, 0.3753

Square

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



22.8530, 0.4106, 0.3279



22.8530, 0.3632, 0.4312



22.8530, 0.2231, 0.3179



22.8530, 0.2574, 0.2412

Rectangle

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



22.8530, 0.4106, 0.3279



22.8530, 0.4163, 0.3989



22.8530, 0.2231, 0.3179



22.8530, 0.2169, 0.2514

Sweetspot

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



22.8541, 0.4106, 0.3279



69.7485, 0.3341, 0.3287



25.0351, 0.3159, 0.2315



14.6821, 0.3368, 0.3286



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



22.8541, 0.4106, 0.3279



34.5605, 0.4447, 0.3277



32.2594, 0.3913, 0.3793



9.0141, 0.3286, 0.3287



7.0276, 0.6384, 0.3290



0.2484, 0.6314, 0.3252

Inverse Universe

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



22.8541, 0.4106, 0.3279



34.5605, 0.4447, 0.3277



28.4532, 0.2496, 0.2721



9.0141, 0.3286, 0.3287



7.0276, 0.6384, 0.3290



0.2484, 0.6314, 0.3252

Previews

White Background



This preview shows how the Yxy color 22.8530, 0.4106, 0.3279 looks on a white background.

Color Contrast Check

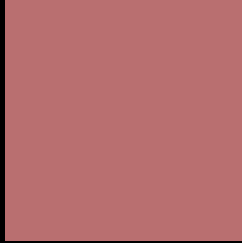
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.8530, 0.4106, 0.3279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

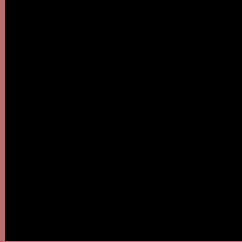
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.8530, 0.4106, 0.3279

Background



This preview shows how black text looks on a background with the Yxy color 22.8530, 0.4106, 0.3279.



This preview shows how white text looks on a background with the Yxy color 22.8530, 0.4106, 0.3279.

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

22.8530, 0.4106, 0.3279

Protanopia

22.8720, 0.3284, 0.3448

Deuteranopia

23.0552, 0.3657, 0.3590



Tritanopia

22.8990, 0.4040, 0.3180

Trichromacy



Original Color

22.8530, 0.4106, 0.3279

Protanomaly

22.5933, 0.3572, 0.3390

Deuteranomaly

22.7999, 0.3825, 0.3465

Tritanomaly

22.8519, 0.4068, 0.3208

Monochromacy



Original Color

22.8530, 0.4106, 0.3279

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

22.8233, 0.3458, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.8530, 0.4106, 0.3279 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(185, 111, 112)` looks like.

```
.text, #text, p{  
    color:rgb(185, 111, 112)  
}
```

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(185, 111, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 111, 112) }
```

Border

The CSS property to change the border of an element to Yxy 22.8530, 0.4106, 0.3279 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(185, 111, 112) }
```

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

```
.border{ border-color:rgb(185, 111, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 111, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 111, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 111, 112);  
box-shadow:4px 4px 4px 4px rgb(185, 111,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 22.8530, 0.4106, 0.3279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 111, 112) }
```

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

```
.background{ background-color: rgb(185,  
111, 112) }
```

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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