

Converting Colors

$Y_{xy}(23.0100, 0.4031, 0.3216)$

Have a look what the booklet for
Yxy(23.0100, 0.4031, 0.3216)
contains.

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Color

Yxy(22.9675, 0.4036, 0.3207)

Conversions

Conversions Part 1

Format	Color
Hex	B96F75
RGB	185, 111, 117
RGB Percent	73%, 44%, 46%
CMY	0.2745, 0.5647, 0.5411
CMYK	0.00, 0.40, 0.37, 0.27
HSL	355°, 35%, 58%
HSV	355°, 40%, 73%
XYZ	28.9045, 22.9675, 19.7447
YIQ	133.8100, 42.1780, 17.5540

Conversions

Conversions Part 2

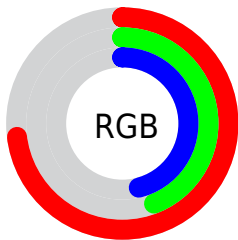
Format	Color
R_{YB}	185, 111, 117
Decimal	12152693
CIE _{Lab}	55.04, 30.04, 9.28
CIE _{LCh}	55, 31.435, 17.165
Yxy	22.9675, 0.4036, 0.3207
Android (android.graphics.Color)	4290342773 (0xFFB96F75)
YUV	133.8100, -8.2873, 44.8936
Hunter-Lab	47.9244, 23.7905, 9.1198

Details

The Yxy color **22.9675, 0.4036, 0.3207** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **41.3335, 0.2620, 0.3380**, and the grayscale version is **23.7871, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.4702, 0.3833, 0.3237**, and **8.4343, 0.4391, 0.3139** is the 20% darker color. If you saturate the color by 10%, you get **18.9766, 0.4400, 0.3189**, and if you desaturate by 10%, it is **27.8693, 0.3733, 0.3228**.

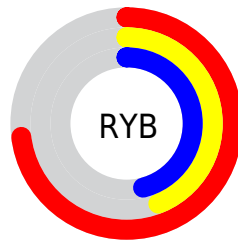
Distribution



Red (73%)

Green (44%)

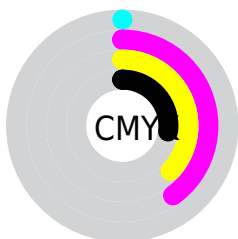
Blue (46%)



Red (73%)

Yellow (44%)

Blue (46%)

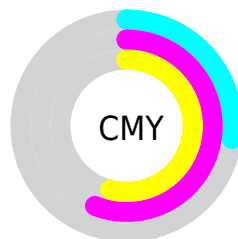


Cyan (0%)

Magenta (40%)

Yellow (37%)

Black (27%)



Cyan (27%)


Magenta (56%)

Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.9675, 0.4036, 0.3207 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 22.9675, 0.4036, 0.3207 by changing the saturation by 10% instead.


 22.9675, 0.4036,
0.3207


 22.9675, 0.4036,
0.3207


267.5580, 0.3524,
0.3265


 14.5695, 0.4186,
0.3185


 48.3400, 0.3834,
0.3233


 8.5178, 0.4395,
0.3150


 66.0832, 0.3763,
0.3242

 4.4280, 0.4702,
0.3090

 87.7104, 0.3705,
0.3248

 1.9158, 0.5193,
0.2976

 113.6058, 0.3657,
0.3253

 0.5578, 0.7057,
0.2943

144.1538, 0.3616,
0.3257

 0.0000, 1.0000,
0.0000


179.7390, 0.3581,


 0.0000, 0.0000,

0.3260


0.0000

220.7456, 0.3551,
0.3263

 22.9675, 0.4036,
0.3207


 22.9675, 0.4036,
0.3207


 18.9766, 0.4400,
0.3189


 27.8693, 0.3733,
0.3228


 15.8373, 0.4820,
0.3178


 33.7298, 0.3486,
0.3249

 13.4886, 0.5272,
0.3177

 40.5975, 0.3287,
0.3270

 11.8599, 0.5711,
0.3191

 48.5166, 0.3127,
0.3290


 10.8683, 0.6072,
0.3220


 57.5288, 0.2998,
0.3308

 10.3495, 0.6312,
0.3251

 67.6733, 0.2894,
0.3324

 78.9876, 0.2810,
0.3339

 88.9259, 0.2736,
0.3310

 89.0549, 0.2726,
0.3289

Harmonies

Analogous

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



22.9675, 0.3563, 0.2816



22.9675, 0.4036, 0.3207



22.9675, 0.4238, 0.3641

Triad

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



22.9675, 0.4036, 0.3207



22.9675, 0.3179, 0.4230



22.9675, 0.2209, 0.2491

Complementary

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



22.9675, 0.4036, 0.3207



41.3335, 0.2620, 0.3380

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.



22.9675, 0.2130, 0.2784



22.9675, 0.4036, 0.3207



22.9675, 0.2658, 0.3838

Square

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



22.9675, 0.4036, 0.3207



22.9675, 0.3712, 0.4283



22.9675, 0.2284, 0.3276



22.9675, 0.2510, 0.2414

Rectangle

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



22.9675, 0.4036, 0.3207



22.9675, 0.4186, 0.3917



22.9675, 0.2284, 0.3276



22.9675, 0.2157, 0.2564

Sweetspot

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



22.9686, 0.4036, 0.3207



69.8476, 0.3327, 0.3266



24.4363, 0.3104, 0.2299



14.7053, 0.3351, 0.3263



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.



22.9686, 0.4036, 0.3207



34.7713, 0.4352, 0.3191



30.7597, 0.3940, 0.3726



9.0238, 0.3275, 0.3272



7.0513, 0.6295, 0.3241



0.2526, 0.5911, 0.3030

Inverse Universe

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



22.9686, 0.4036, 0.3207



34.7713, 0.4352, 0.3191



30.0497, 0.2508, 0.2802



9.0238, 0.3275, 0.3272



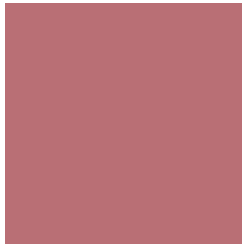
7.0513, 0.6295, 0.3241



0.2526, 0.5911, 0.3030

Previews

White Background



This preview shows how the Yxy color 22.9675, 0.4036, 0.3207 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 22.9675, 0.4036, 0.3207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

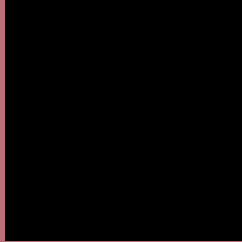
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.9675, 0.4036, 0.3207

Background



This preview shows how black text looks on a background with the Yxy color 22.9675, 0.4036, 0.3207.



This preview shows how white text looks on a background with the Yxy color 22.9675, 0.4036, 0.3207.

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

22.9675, 0.4036, 0.3207

Protanopia

23.2119, 0.3205, 0.3360

Deuteranopia

22.9730, 0.3572, 0.3508



Tritanopia

23.0151, 0.4008, 0.3179

Trichromacy



Original Color

22.9675, 0.4036, 0.3207

Protanomaly

22.6428, 0.3486, 0.3291

Deuteranomaly

22.6991, 0.3736, 0.3387

Tritanomaly

22.9912, 0.4022, 0.3193

Monochromacy



Original Color

22.9675, 0.4036, 0.3207

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

23.2525, 0.3432, 0.3258

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.9675, 0.4036, 0.3207 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, 117)` looks like.

```
.text, #text, p{  
    color:rgb(185, 111, 117)  
}
```

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, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 111, 117) }
```

Border

The CSS property to change the border of an element to Yxy 22.9675, 0.4036, 0.3207 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, 117) }
```

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

```
.border{ border-color:rgb(185, 111, 117) }
```

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, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 111, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 111, 117);  
box-shadow:4px 4px 4px 4px rgb(185, 111,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 22.9675, 0.4036, 0.3207 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, 117) }
```

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

```
.background{ background-color: rgb(185,  
111, 117) }
```

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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