

Converting Colors

$Y_{xy}(20.3341, 0.3729, 0.2898)$

Have a look what the booklet for
Yxy(20.3341, 0.3729, 0.2898)
contains.

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Color

Yxy(20.3966, 0.3730, 0.2902)

Conversions

Conversions Part 1

Format	Color
Hex	AD6882
RGB	173, 104, 130
RGB Percent	68%, 41%, 51%
CMY	0.3215, 0.5922, 0.4902
CMYK	0.00, 0.40, 0.25, 0.32
HSL	337°, 30%, 54%
HSV	337°, 40%, 68%
XYZ	26.2162, 20.3966, 23.6719
YIQ	127.5950, 32.7780, 22.7140

Conversions

Conversions Part 2

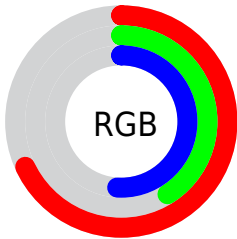
Format	Color
R_{YB}	173, 104, 130
Decimal	11364482
CIE _{Lab}	52.28, 31.15, -2.53
CIE _{LCh}	52, 31.253, 355.355
Yxy	20.3966, 0.3730, 0.2902
Android (android.graphics.Color)	4289554562 (0xFFAD6882)
YUV	127.5950, 1.1857, 39.8202
Hunter-Lab	45.1626, 24.5819, 0.5371

Details

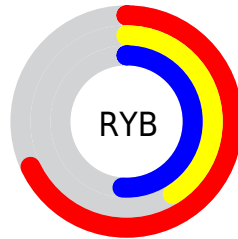
The Yxy color $20.3966, 0.3730, 0.2902$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $34.9451, 0.2762, 0.3723$, and the grayscale version is $21.4266, 0.3127, 0.3290$.

A 20% lighter version of the original color is $44.0188, 0.3596, 0.2983$, and $7.2484, 0.3971, 0.2752$ is the 20% darker color. If you saturate the color by 10%, you get $16.9902, 0.3962, 0.2809$, and if you desaturate by 10%, it is $24.5499, 0.3534, 0.3002$.

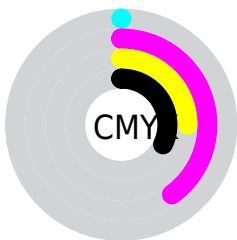
Distribution



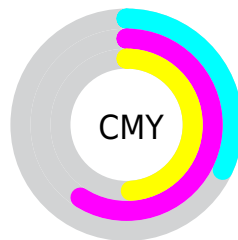
- Red (68%)
- Green (41%)
- Blue (51%)



- Red (68%)
- Yellow (41%)
- Blue (51%)



- Cyan (0%)
- Magenta (40%)
- Yellow (25%)
- Black (32%)



- Cyan (32%)
- Magenta (59%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 20.3966, 0.3730, 0.2902 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 20.3966, 0.3730, 0.2902 by changing the saturation by 10% instead.


 20.3966, 0.3730,
0.2902


 20.3966, 0.3730,
0.2902


254.0541, 0.3389,
0.3119

 12.6837, 0.3831,
0.2839


 44.0811, 0.3595,
0.2987


 7.2111, 0.3973,
0.2751


 60.8215, 0.3548,
0.3017

 3.5945, 0.4185,
0.2621

 81.3398, 0.3510,
0.3042

 1.4494, 0.4534,
0.2411

 106.0204, 0.3477,
0.3062

 0.2527, 0.5892,
0.1473

135.2478, 0.3450,
0.3080

 0.0000, 0.0000,
0.0000

169.4063, 0.3427,

0.3095

208.8802, 0.3407,
0.3108

■ 20.3966, 0.3730,
0.2902

■ 20.3966, 0.3730,
0.2902

■ 16.9902, 0.3962,
0.2809

■ 24.5499, 0.3534,
0.3002

■ 14.2827, 0.4229,
0.2731

■ 29.4884, 0.3371,
0.3102

■ 12.2255, 0.4528,
0.2680


■ 35.2511, 0.3237,
0.3199

■ 10.7618, 0.4845,
0.2668


■ 41.8737, 0.3126,
0.3291

■ 9.8254, 0.5161,
0.2704

■ 49.3897, 0.3035,
0.3376


 9.2755, 0.5458,
0.2781

 57.8308, 0.2961,
0.3455

 9.2702, 0.5461,
0.2782

 67.2272, 0.2899,
0.3527

 77.6077, 0.2849,
0.3592

 85.9559, 0.2803,
0.3602

Harmonies

Analogous

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



20.3966, 0.3148, 0.2576



20.3966, 0.3730, 0.2902



20.3966, 0.4158, 0.3323

Triad

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



20.3966, 0.3730, 0.2902



20.3966, 0.3587, 0.4339



20.3966, 0.2098, 0.2661

Complementary

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



20.3966, 0.3730, 0.2902



34.9451, 0.2762, 0.3723

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.



20.3966, 0.2190, 0.3119



20.3966, 0.3730, 0.2902



20.3966, 0.3024, 0.4186

Square

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



20.3966, 0.3730, 0.2902



20.3966, 0.4049, 0.4152



20.3966, 0.2517, 0.3704



20.3966, 0.2244, 0.2422

Rectangle

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



20.3966, 0.3730, 0.2902



20.3966, 0.4273, 0.3622



20.3966, 0.2517, 0.3704



20.3966, 0.2102, 0.2791

Sweetspot

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



20.3976, 0.3730, 0.2902



60.5936, 0.3265, 0.3177



19.0799, 0.2861, 0.2232



12.8811, 0.3282, 0.3165



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



20.3976, 0.3730, 0.2902



31.0045, 0.3935, 0.2818



21.4847, 0.4059, 0.3415



8.0634, 0.3230, 0.3205



6.8189, 0.5433, 0.2767



0.2005, 0.4614, 0.2316

Inverse Universe

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



20.3976, 0.3730, 0.2902



31.0045, 0.3935, 0.2818



32.8592, 0.2566, 0.3158



8.0634, 0.3230, 0.3205



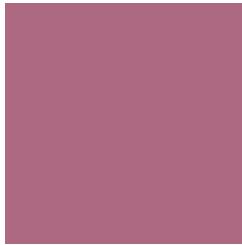
6.8189, 0.5433, 0.2767



0.2005, 0.4614, 0.2316

Previews

White Background



This preview shows how the Yxy color 20.3966, 0.3730, 0.2902 looks on a white background.

Color Contrast Check

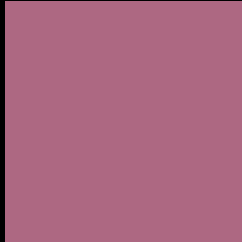
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.3966, 0.3730, 0.2902 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

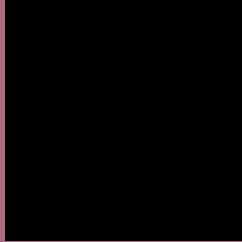
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 20.3966, 0.3730, 0.2902

Background



This preview shows how black text looks on a background with the Yxy color 20.3966, 0.3730, 0.2902.



This preview shows how white text looks on a background with the Yxy color 20.3966, 0.3730, 0.2902.

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

20.3966, 0.3730, 0.2902

Protanopia

20.5059, 0.2911, 0.2967

Deuteranopia

20.4413, 0.3244, 0.3185



Tritanopia

20.4111, 0.3905, 0.3170

Trichromacy



Original Color

20.3966, 0.3730, 0.2902

Protanomaly

20.2203, 0.3181, 0.2933

Deuteranomaly

20.2095, 0.3409, 0.3073

Tritanomaly

20.4348, 0.3851, 0.3079

Monochromacy



Original Color

20.3966, 0.3730, 0.2902

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

20.7079, 0.3324, 0.3120

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.3966, 0.3730, 0.2902 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(173, 104, 130)` looks like.

```
.text, #text, p{  
    color:rgb(173, 104, 130)  
}
```

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(173, 104, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 104, 130) }
```

Border

The CSS property to change the border of an element to Yxy 20.3966, 0.3730, 0.2902 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(173, 104, 130) }
```

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

```
.border{ border-color:rgb(173, 104, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 104, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 104, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 104, 130);  
box-shadow:4px 4px 4px 4px rgb(173, 104,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 20.3966, 0.3730, 0.2902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 104, 130) }
```

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

```
.background{ background-color: rgb(173,  
104, 130) }
```

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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