

Converting Colors

$Y_{xy}(20.0541, 0.3971, 0.3001)$

Have a look what the booklet for
Yxy(20.0541, 0.3971, 0.3001)
contains.

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Color

Yxy(20.0541, 0.3971, 0.3001)

Conversions

Conversions Part 1

Format	Color
Hex	B36478
RGB	179, 100, 120
RGB Percent	70%, 39%, 47%
CMY	0.2981, 0.6078, 0.5295
CMYK	0.00, 0.44, 0.33, 0.30
HSL	345°, 34%, 55%
HSV	345°, 44%, 70%
XYZ	26.5361, 20.0541, 20.2345
YIQ	125.9010, 40.6640, 22.9680

Conversions

Conversions Part 2

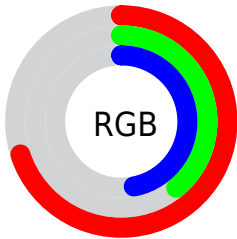
Format	Color
R _Y B	179, 100, 120
Decimal	11756664
CIE Lab	51.90, 34.13, 2.93
CIE LCh	52, 34.251, 4.914
Yxy	20.0541, 0.3971, 0.3001
Android (android.graphics.Color)	4289946744 (0xFFB36478)
YUV	125.9010, -2.9092, 46.5678
Hunter-Lab	44.7818, 27.4046, 4.5573

Details

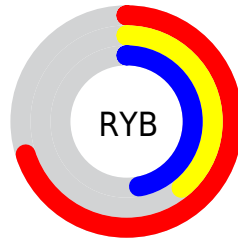
The Yxy color **20.0541, 0.3971, 0.3001** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **37.4530, 0.2666, 0.3613**, and the grayscale version is **20.8288, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.4396, 0.3785, 0.3067**, and **7.0342, 0.4321, 0.2861** is the 20% darker color. If you saturate the color by 10%, you get **16.6878, 0.4278, 0.2944**, and if you desaturate by 10%, it is **24.2221, 0.3711, 0.3067**.

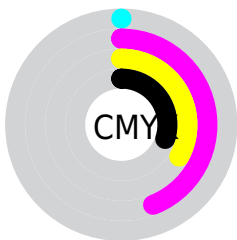
Distribution



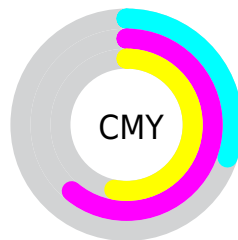
- Red (70%)
- Green (39%)
- Blue (47%)



- Red (70%)
- Yellow (39%)
- Blue (47%)



- Cyan (0%)
- Magenta (44%)
- Yellow (33%)
- Black (30%)





- Cyan (30%)
- Magenta (61%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 20.0541, 0.3971, 0.3001 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 20.0541, 0.3971, 0.3001 by changing the saturation by 10% instead.


 20.0541, 0.3971,
0.3001


 20.0541, 0.3971,
0.3001


252.2078, 0.3489,
0.3170

 12.4344, 0.4116,
0.2948


 43.5079, 0.3779,
0.3069


 7.0402, 0.4321,
0.2873


 60.1107, 0.3712,
0.3093

 3.4873, 0.4629,
0.2756

 80.4767, 0.3658,
0.3112

 1.3911, 0.5140,
0.2556

 104.9902, 0.3613,
0.3127

 0.2102, 0.8175,
0.1640

134.0357, 0.3574,
0.3141

 0.0000, 0.0000,
0.0000

167.9976, 0.3542,

0.3152

207.2601, 0.3514,
0.3161

■ 20.0541, 0.3971,
0.3001

■ 20.0541, 0.3971,
0.3001

■ 16.6878, 0.4278,
0.2944

■ 24.2221, 0.3711,
0.3067

■ 14.0683, 0.4629,
0.2905

■ 29.2360, 0.3497,
0.3135

■ 12.1387, 0.5010,
0.2893


■ 35.1402, 0.3321,
0.3202

■ 10.8325, 0.5393,
0.2919


■ 41.9752, 0.3178,
0.3265

■ 10.0696, 0.5738,
0.2986


■ 49.7790, 0.3062,
0.3324

 9.7747, 0.5916,
0.3033

 58.5875, 0.2967,
0.3378

 68.4348, 0.2889,
0.3428

 79.3532, 0.2826,
0.3473

 87.4153, 0.2767,
0.3449

Harmonies

Analogous

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



20.0541, 0.3355, 0.2609



20.0541, 0.3971, 0.3001



20.0541, 0.4345, 0.3473

Triad

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



20.0541, 0.3971, 0.3001



20.0541, 0.3431, 0.4444



20.0541, 0.2030, 0.2488

Complementary

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



20.0541, 0.3971, 0.3001



37.4530, 0.2666, 0.3613

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.



20.0541, 0.2045, 0.2911



20.0541, 0.3971, 0.3001



20.0541, 0.2817, 0.4148

Square

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



20.0541, 0.3971, 0.3001



20.0541, 0.3993, 0.4330



20.0541, 0.2317, 0.3536



20.0541, 0.2264, 0.2312

Rectangle

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



20.0541, 0.3971, 0.3001



20.0541, 0.4386, 0.3796



20.0541, 0.2317, 0.3536



20.0541, 0.2006, 0.2601

Sweetspot

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



20.0551, 0.3971, 0.3001



63.9793, 0.3307, 0.3208



19.6331, 0.2929, 0.2147



13.6228, 0.3342, 0.3193



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



20.0551, 0.3971, 0.3001



30.0131, 0.4270, 0.2945



23.5644, 0.4145, 0.3562



8.5394, 0.3249, 0.3233



6.9167, 0.5887, 0.3016



0.2272, 0.5091, 0.2578

Inverse Universe

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



20.0551, 0.3971, 0.3001



30.0131, 0.4270, 0.2945



31.3029, 0.2490, 0.2990



8.5394, 0.3249, 0.3233



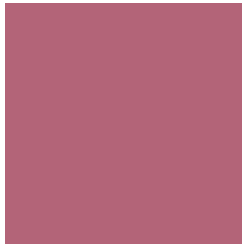
6.9167, 0.5887, 0.3016



0.2272, 0.5091, 0.2578

Previews

White Background



This preview shows how the Yxy color 20.0541, 0.3971, 0.3001 looks on a white background.

Color Contrast Check

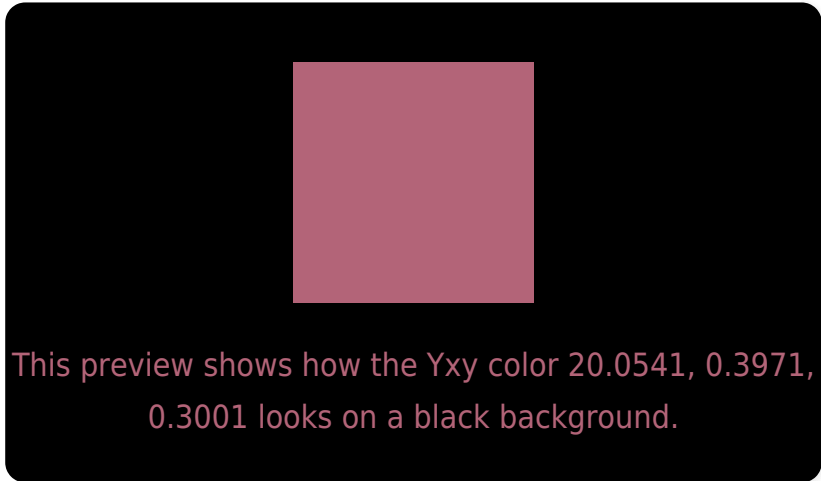
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

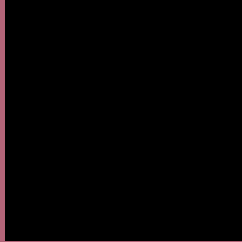
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 20.0541, 0.3971, 0.3001

Background



This preview shows how black text looks on a background with the Yxy color 20.0541, 0.3971, 0.3001.



This preview shows how white text looks on a background with the Yxy color 20.0541, 0.3971, 0.3001.

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

20.0541, 0.3971, 0.3001

Protanopia

20.1722, 0.3017, 0.3090

Deuteranopia

20.2063, 0.3405, 0.3344



Tritanopia

20.0718, 0.4112, 0.3190

Trichromacy



Original Color

20.0541, 0.3971, 0.3001

Protanomaly

19.7757, 0.3332, 0.3051

Deuteranomaly

19.9883, 0.3612, 0.3208

Tritanomaly

19.9646, 0.4057, 0.3116

Monochromacy



Original Color

20.0541, 0.3971, 0.3001

Achromatopsia

20.8637, 0.3127, 0.3290

Achromatomaly

20.1976, 0.3403, 0.3171

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.0541, 0.3971, 0.3001 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(179, 100, 120)` looks like.

```
.text, #text, p{  
    color:rgb(179, 100, 120)  
}
```

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(179, 100, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 100, 120) }
```

Border

The CSS property to change the border of an element to Yxy 20.0541, 0.3971, 0.3001 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(179, 100, 120) }
```

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

```
.border{ border-color:rgb(179, 100, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 100, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 100, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 100, 120);  
box-shadow:4px 4px 4px 4px rgb(179, 100,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 20.0541, 0.3971, 0.3001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 100, 120) }
```

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

```
.background{ background-color: rgb(179,  
100, 120) }
```

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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