

Converting Colors

$Y_{xy}(40.1967, 0.3184, 0.3047)$

Have a look what the booklet for
Yxy(40.1967, 0.3184, 0.3047)
contains.

Yxy(40.1366, 0.3185, 0.3042)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(40.1366, 0.3185, 0.3042)

Conversions

Conversions Part 1

Format	Color
Hex	BBA3B6
RGB	187, 163, 182
RGB Percent	73%, 64%, 71%
CMY	0.2669, 0.3607, 0.2863
CMYK	0.00, 0.13, 0.03, 0.27
HSL	312°, 15%, 69%
HSV	312°, 13%, 73%
XYZ	42.0234, 40.1366, 49.7815
YIQ	172.3420, 8.2050, 10.9970

Conversions

Conversions Part 2

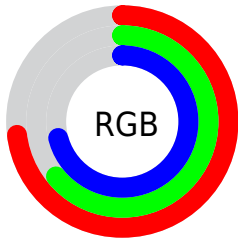
Format	Color
R _Y B	187, 163, 182
Decimal	12297142
CIE Lab	69.57, 12.09, -6.55
CIE LCh	70, 13.746, 331.559
Yxy	40.1366, 0.3185, 0.3042
Android (android.graphics.Color)	4290487222 (0xFFBBA3B6)
YUV	172.3420, 4.7614, 12.8551
Hunter-Lab	63.3535, 7.5334, -2.2411

Details

The Yxy color $40.1366, 0.3185, 0.3042$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $46.1339, 0.3074, 0.3551$, and the grayscale version is $41.4075, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.3705, 0.3172, 0.3087$, and $18.0222, 0.3208, 0.2968$ is the 20% darker color. If you saturate the color by 10%, you get $33.8238, 0.3238, 0.2841$, and if you desaturate by 10%, it is $47.4387, 0.3139, 0.3237$.

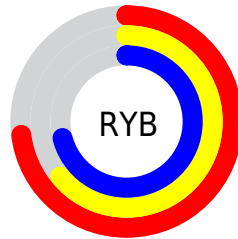
Distribution



Red (73%)

Green (64%)

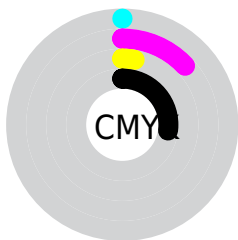
Blue (71%)



Red (73%)

Yellow (64%)

Blue (71%)

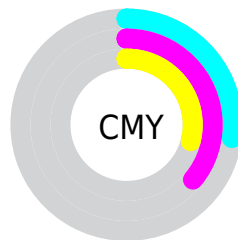


Cyan (0%)

Magenta (13%)

Yellow (3%)

Black (27%)



Cyan (27%)


Magenta (36%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.1366, 0.3185, 0.3042 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 40.1366, 0.3185, 0.3042 by changing the saturation by 10% instead.


 40.1366, 0.3185,
0.3042


 40.1366, 0.3185,
0.3042


346.6990, 0.3156,
0.3167

 27.6451, 0.3192,
0.3011


 75.3715, 0.3175,
0.3088

 18.0583, 0.3201,
0.2970


 98.8836, 0.3171,
0.3105

 10.9918, 0.3213,
0.2916

126.8381, 0.3168,
0.3119

 6.0613, 0.3229,
0.2840

159.6192, 0.3165,
0.3131

 2.8824, 0.3252,
0.2725

197.6115, 0.3162,
0.3142

 1.0707, 0.3289,
0.2533

241.1993, 0.3160,

 0.0000, 0.3809,

0.3151

0.0000

290.7670, 0.3158,
0.3160

0.0000, 0.0000,
0.0000

40.1366, 0.3185,
0.3042

40.1366, 0.3185,
0.3042

33.8238, 0.3238,
0.2841

47.4387, 0.3139,
0.3237

28.4521, 0.3299,
0.2639

55.7652, 0.3099,
0.3423

23.9773, 0.3366,
0.2444

65.1558, 0.3066,
0.3597

20.3492, 0.3440,
0.2264

75.6467, 0.3037,
0.3758

17.5131, 0.3519,
0.2109

86.3123, 0.3013,
0.3892

■ 15.4074, 0.3600,
0.1988

■ 86.4974, 0.2993,
0.3847

■ 13.9619, 0.3681,
0.1910

■ 86.6871, 0.2972,
0.3802

■ 13.0921, 0.3760,
0.1878

■ 86.8816, 0.2951,
0.3757

■ 12.7025, 0.3815,
0.1875

■ 87.0807, 0.2931,
0.3712

Harmonies

Analogous

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



40.1366, 0.2983, 0.2962



40.1366, 0.3185, 0.3042



40.1366, 0.3377, 0.3183

Triad

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



40.1366, 0.3185, 0.3042



40.1366, 0.3434, 0.3624



40.1366, 0.2766, 0.3206

Complementary

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



40.1366, 0.3185, 0.3042



46.1339, 0.3074, 0.3551

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.



40.1366, 0.2880, 0.3395



40.1366, 0.3185, 0.3042



40.1366, 0.3263, 0.3642

Square

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



40.1366, 0.3185, 0.3042



40.1366, 0.3522, 0.3516



40.1366, 0.3060, 0.3558



40.1366, 0.2746, 0.3049

Rectangle

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



40.1366, 0.3185, 0.3042



40.1366, 0.3470, 0.3296



40.1366, 0.3060, 0.3558



40.1366, 0.2795, 0.3268

Sweetspot

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



40.1383, 0.3185, 0.3042



83.2562, 0.3144, 0.3213



38.0928, 0.2969, 0.2962



18.1060, 0.3148, 0.3198



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



40.1383, 0.3185, 0.3042



69.0039, 0.3197, 0.2993



39.6713, 0.3291, 0.3195



9.6615, 0.3168, 0.3110



8.7684, 0.3806, 0.1871



0.3522, 0.3638, 0.1778

Inverse Universe

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



40.1383, 0.3185, 0.3042



69.0039, 0.3197, 0.2993



46.5933, 0.2987, 0.3387



9.6615, 0.3168, 0.3110



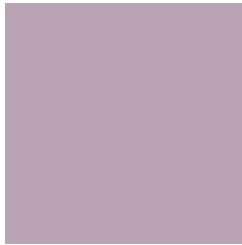
8.7684, 0.3806, 0.1871



0.3522, 0.3638, 0.1778

Previews

White Background



This preview shows how the Yxy color 40.1366, 0.3185, 0.3042 looks on a white background.

Color Contrast Check

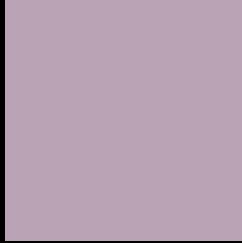
Large Text (above 18pt) WCAG AA × Fail

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 40.1366, 0.3185, 0.3042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

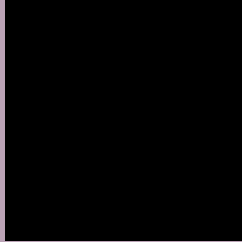
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.1366, 0.3185, 0.3042

Background



This preview shows how black text looks on a background with the Yxy color 40.1366, 0.3185, 0.3042.



This preview shows how white text looks on a background with the Yxy color 40.1366, 0.3185, 0.3042.

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

40.1366, 0.3185, 0.3042

Protanopia

40.3561, 0.2987, 0.3059

Deuteranopia

40.1114, 0.3129, 0.3064



Tritanopia

40.1643, 0.3219, 0.3119

Trichromacy



Original Color

40.1366, 0.3185, 0.3042

Protanomaly

40.3703, 0.3057, 0.3049

Deuteranomaly

39.9956, 0.3148, 0.3052

Tritanomaly

40.2447, 0.3202, 0.3093

Monochromacy



Original Color

40.1366, 0.3185, 0.3042

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.8576, 0.3141, 0.3196

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.1366, 0.3185, 0.3042 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(187, 163, 182)` looks like.

```
.text, #text, p{  
    color:rgb(187, 163, 182)  
}
```

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(187, 163, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 163, 182) }
```

Border

The CSS property to change the border of an element to Yxy 40.1366, 0.3185, 0.3042 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(187, 163, 182) }
```

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

```
.border{ border-color:rgb(187, 163, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 163, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 163, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 163, 182);  
box-shadow:4px 4px 4px 4px rgb(187, 163,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 40.1366, 0.3185, 0.3042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 163, 182) }
```

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

```
.background{ background-color: rgb(187,  
163, 182) }
```

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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