

Converting Colors

$Y_{xy}(40.2298, 0.3042, 0.2903)$

Have a look what the booklet for
Yxy(40.2298, 0.3042, 0.2903)
contains.

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Color

Yxy(40.3463, 0.3045, 0.2912)

Conversions

Conversions Part 1

Format	Color
Hex	B6A4C1
RGB	182, 164, 193
RGB Percent	71%, 64%, 76%
CMY	0.2863, 0.3568, 0.2431
CMYK	0.06, 0.15, 0.00, 0.24
HSL	277°, 19%, 70%
HSV	277°, 15%, 76%
XYZ	42.1890, 40.3463, 56.0165
YIQ	172.6880, 1.4190, 12.8350

Conversions

Conversions Part 2

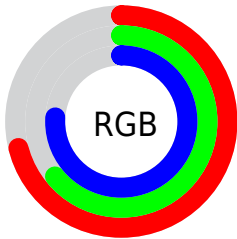
Format	Color
R_{YB}	182, 164, 193
Decimal	11969729
CIE _{Lab}	69.72, 11.95, -12.47
CIE _{LCh}	70, 17.269, 313.766
Yxy	40.3463, 0.3045, 0.2912
Android (android.graphics.Color)	4290159809 (0xFFB6A4C1)
YUV	172.6880, 10.0138, 8.1666
Hunter-Lab	63.5187, 7.4016, -7.8241

Details

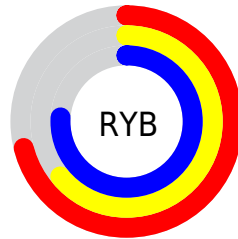
The Yxy color $40.3463, 0.3045, 0.2912$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $49.9391, 0.3198, 0.3675$, and the grayscale version is $41.5696, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.6797, 0.3065, 0.2985$, and $18.1195, 0.3023, 0.2808$ is the 20% darker color. If you saturate the color by 10%, you get $33.0858, 0.2978, 0.2641$, and if you desaturate by 10%, it is $48.7054, 0.3102, 0.3168$.

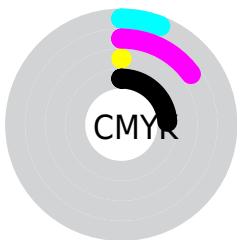
Distribution



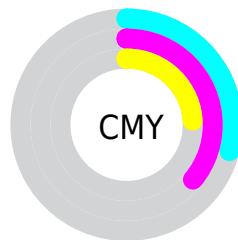
- Red (71%)
- Green (64%)
- Blue (76%)



- Red (71%)
- Yellow (64%)
- Blue (76%)



- Cyan (6%)
- Magenta (15%)
- Yellow (0%)
- Black (24%)



- Cyan (29%)
- Magenta (36%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.3463, 0.3045, 0.2912 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 40.3463, 0.3045, 0.2912 by changing the saturation by 10% instead.


 40.3463, 0.3045,
0.2912


 40.3463, 0.3045,
0.2912

347.5810, 0.3089,
0.3101

 27.8087, 0.3033,
0.2865


 75.6906, 0.3062,
0.2980

 18.1815, 0.3018,
0.2805


 99.2660, 0.3068,
0.3006

 11.0804, 0.2996,
0.2725


127.2894, 0.3073,
0.3028

 6.1209, 0.2964,
0.2614

160.1453, 0.3077,
0.3047

 2.9187, 0.2913,
0.2449

198.2180, 0.3080,
0.3063

 1.0895, 0.2820,
0.2182

241.8919, 0.3084,

 0.0000, 0.2380,

0.3077

0.0000

291.5515, 0.3086,
0.3090

■ 0.0000, 0.0000,
0.0000

■ 40.3463, 0.3045,
0.2912

■ 40.3463, 0.3045,
0.2912

■ 33.0858, 0.2978,
0.2641

■ 48.7054, 0.3102,
0.3168

■ 26.8708, 0.2901,
0.2362

■ 58.2027, 0.3150,
0.3406

■ 21.6518, 0.2815,
0.2081

■ 68.8821, 0.3190,
0.3624

■ 17.3728, 0.2720,
0.1812

■ 80.7838, 0.3222,
0.3822

■ 13.9724, 0.2620,
0.1565

■ 90.3785, 0.3255,
0.3949

■ 11.3814, 0.2517,
0.1354

■ 91.5394, 0.3303,
0.3939

■ 9.5200, 0.2416,
0.1188

■ 92.7510, 0.3351,
0.3929

■ 8.2911, 0.2320,
0.1072

■ 94.0140, 0.3400,
0.3919

■ 7.8173, 0.2273,
0.1026

■ 95.3290, 0.3449,
0.3909

Harmonies

Analogous

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



40.3463, 0.2819, 0.2869



40.3463, 0.3045, 0.2912



40.3463, 0.3302, 0.3046

Triad

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



40.3463, 0.3045, 0.2912



40.3463, 0.3593, 0.3636



40.3463, 0.2748, 0.3323

Complementary

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



40.3463, 0.3045, 0.2912



49.9391, 0.3198, 0.3675

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.



40.3463, 0.2943, 0.3554



40.3463, 0.3045, 0.2912



40.3463, 0.3432, 0.3735

Square

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



40.3463, 0.3045, 0.2912



40.3463, 0.3626, 0.3454



40.3463, 0.3193, 0.3708



40.3463, 0.2653, 0.3094

Rectangle

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



40.3463, 0.3045, 0.2912



40.3463, 0.3455, 0.3171



40.3463, 0.3193, 0.3708



40.3463, 0.2804, 0.3404

Sweetspot

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



40.3480, 0.3045, 0.2912



87.1385, 0.3102, 0.3167



42.4523, 0.2893, 0.3048



18.4527, 0.3098, 0.3149



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



40.3480, 0.3045, 0.2912



67.8094, 0.3024, 0.2825



41.5937, 0.3174, 0.2965



10.0501, 0.3078, 0.3059



5.2463, 0.2285, 0.1032



0.2652, 0.2493, 0.1147

Inverse Universe

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



40.9890, 0.3303, 0.3148



69.2038, 0.3349, 0.3115



48.8390, 0.3084, 0.3639



10.1398, 0.3231, 0.3203



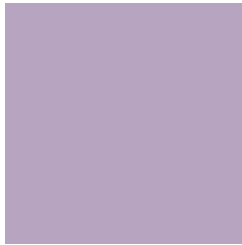
7.8784, 0.5432, 0.2766



0.3539, 0.4827, 0.2432

Previews

White Background



This preview shows how the Yxy color 40.3463, 0.3045, 0.2912 looks on a white background.

Color Contrast Check

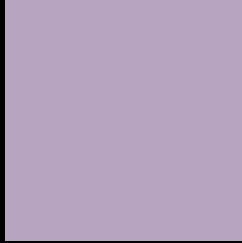
Large Text (above 18pt) WCAG AA × Fail

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 40.3463, 0.3045, 0.2912 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

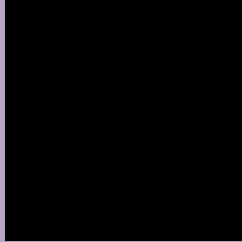
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.3463, 0.3045, 0.2912

Background



This preview shows how black text looks on a background with the Yxy color 40.3463, 0.3045, 0.2912.



This preview shows how white text looks on a background with the Yxy color 40.3463, 0.3045, 0.2912.

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

40.3463, 0.3045, 0.2912

Protanopia

40.4684, 0.2884, 0.2927

Deuteranopia

40.3528, 0.2992, 0.2933



Tritanopia

40.2304, 0.3145, 0.3116

Trichromacy



Original Color

40.3463, 0.3045, 0.2912

Protanomaly

40.3482, 0.2942, 0.2917

Deuteranomaly

40.2255, 0.3010, 0.2921

Tritanomaly

40.1947, 0.3111, 0.3038

Monochromacy



Original Color

40.3463, 0.3045, 0.2912

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.2748, 0.3098, 0.3155

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.3463, 0.3045, 0.2912 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(182, 164, 193)` looks like.

```
.text, #text, p{  
    color:rgb(182, 164, 193)  
}
```

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(182, 164, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 164, 193) }
```

Border

The CSS property to change the border of an element to Yxy 40.3463, 0.3045, 0.2912 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(182, 164, 193) }
```

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

```
.border{ border-color:rgb(182, 164, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 164, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 164, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 164, 193);  
box-shadow:4px 4px 4px 4px rgb(182, 164,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 40.3463, 0.3045, 0.2912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 164, 193) }
```

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

```
.background{ background-color: rgb(182,  
164, 193) }
```

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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