

Converting Colors

$Y_{xy}(29.2481, 0.3130, 0.2545)$

Have a look what the booklet for
Yxy(29.2481, 0.3130, 0.2545)
contains.

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Color

Yxy(29.1484, 0.3130, 0.2542)

Conversions

Conversions Part 1

Format	Color
Hex	B681B9
RGB	182, 129, 185
RGB Percent	71%, 51%, 73%
CMY	0.2864, 0.4940, 0.2745
CMYK	0.02, 0.30, 0.00, 0.27
HSL	297°, 29%, 62%
HSV	297°, 30%, 73%
XYZ	35.8908, 29.1484, 49.6280
YIQ	151.2310, 13.6120, 28.6520

Conversions

Conversions Part 2

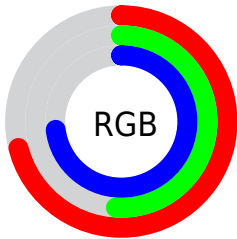
Format	Color
R_{YB}	182, 129, 185
Decimal	11960761
CIE _{Lab}	60.91, 29.88, -21.31
CIE _{LCh}	61, 36.699, 324.504
Yxy	29.1484, 0.3130, 0.2542
Android (android.graphics.Color)	4290150841 (0xFFB681B9)
YUV	151.2310, 16.6481, 26.9844
Hunter-Lab	53.9893, 24.1815, -16.7080

Details

The Yxy color $29.1484, 0.3130, 0.2542$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $41.1895, 0.3111, 0.4155$, and the grayscale version is $30.9747, 0.3127, 0.3290$.

A 20% lighter version of the original color is $58.5686, 0.3139, 0.2688$, and $11.8471, 0.3111, 0.2323$ is the 20% darker color. If you saturate the color by 10%, you get $24.5869, 0.3128, 0.2300$, and if you desaturate by 10%, it is $34.5956, 0.3130, 0.2792$.

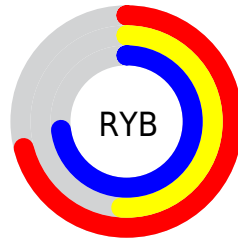
Distribution



Red (71%)

Green (51%)

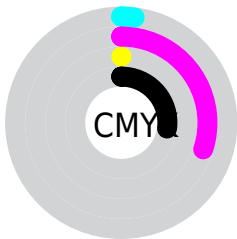
Blue (73%)



Red (71%)

Yellow (51%)

Blue (73%)

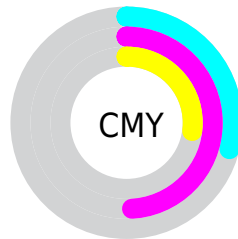


Cyan (2%)

Magenta (30%)

Yellow (0%)

Black (27%)



Cyan (29%)


Magenta (49%)

Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.1484, 0.3130, 0.2542 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 29.1484, 0.3130, 0.2542 by changing the saturation by 10% instead.


 29.1484, 0.3130,
0.2542


 29.1484, 0.3130,
0.2542

297.9145, 0.3137,
0.2921

 19.1931, 0.3125,
0.2446


 58.3128, 0.3135,
0.2681

 11.8099, 0.3117,
0.2323


 78.2907, 0.3136,
0.2733

 6.6144, 0.3102,
0.2158


 102.3782, 0.3137,
0.2776

 3.2221, 0.3073,
0.1930

130.9598, 0.3137,
0.2814

 1.2488, 0.3013,
0.1594

164.4198, 0.3137,
0.2846

 0.1010, 0.3084,
0.0377

203.1427, 0.3137,

 0.0000, 0.0000,

0.2875

0.0000

247.5128, 0.3137,
0.2899

■ 29.1484, 0.3130,
0.2542

■ 29.1484, 0.3130,
0.2542

■ 24.5869, 0.3128,
0.2300

■ 34.5956, 0.3130,
0.2792

■ 20.8596, 0.3123,
0.2075

■ 40.9688, 0.3129,
0.3041

■ 17.9157, 0.3117,
0.1877


■ 48.3104, 0.3127,
0.3284


■ 15.6973, 0.3109,
0.1714


■ 56.6588, 0.3124,
0.3515


■ 14.1383, 0.3098,
0.1592


■ 66.0508, 0.3120,
0.3731

 13.1607, 0.3087,
0.1512

 76.5210, 0.3116,
0.3931

 12.6138, 0.3074,
0.1467

 85.8374, 0.3114,
0.4081

 85.9659, 0.3120,
0.4079

 86.0952, 0.3126,
0.4078

Harmonies

Analogous

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



29.1484, 0.2575, 0.2368



29.1484, 0.3130, 0.2542



29.1484, 0.3739, 0.2875

Triad

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



29.1484, 0.3130, 0.2542



29.1484, 0.4096, 0.4175



29.1484, 0.2160, 0.3125

Complementary

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



29.1484, 0.3130, 0.2542



41.1895, 0.3111, 0.4155

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.



29.1484, 0.2504, 0.3740



29.1484, 0.3130, 0.2542



29.1484, 0.3618, 0.4383

Square

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



29.1484, 0.3130, 0.2542



29.1484, 0.4320, 0.3771



29.1484, 0.3034, 0.4238



29.1484, 0.2059, 0.2644

Rectangle

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



29.1484, 0.3130, 0.2542



29.1484, 0.4072, 0.3157



29.1484, 0.3034, 0.4238



29.1484, 0.2249, 0.3325

Sweetspot

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



29.1497, 0.3130, 0.2542



74.7516, 0.3129, 0.3069



24.8795, 0.2607, 0.2479



15.7300, 0.3130, 0.3033



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.



29.1497, 0.3130, 0.2542



46.8569, 0.3129, 0.2387



28.5840, 0.3421, 0.2854



9.1373, 0.3129, 0.3064



8.6002, 0.3076, 0.1468



0.3108, 0.3112, 0.1488

Inverse Universe

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



27.6874, 0.3758, 0.3249



43.8604, 0.3950, 0.3240



41.6721, 0.2913, 0.3773



9.0199, 0.3279, 0.3278



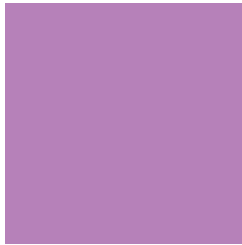
7.0416, 0.6331, 0.3261



0.2509, 0.6064, 0.3114

Previews

White Background



This preview shows how the Yxy color 29.1484, 0.3130, 0.2542 looks on a white background.

Color Contrast Check

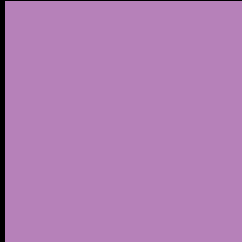
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.1484, 0.3130, 0.2542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

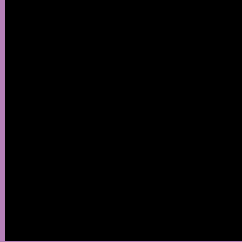
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.1484, 0.3130, 0.2542

Background



This preview shows how black text looks on a background with the Yxy color 29.1484, 0.3130, 0.2542.



This preview shows how white text looks on a background with the Yxy color 29.1484, 0.3130, 0.2542.

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

29.1484, 0.3130, 0.2542

Protanopia

29.2686, 0.2575, 0.2522

Deuteranopia

29.2532, 0.2783, 0.2721



Tritanopia

29.0620, 0.3471, 0.3132

Trichromacy



Original Color

29.1484, 0.3130, 0.2542

Protanomaly

28.8948, 0.2753, 0.2515

Deuteranomaly

29.1532, 0.2904, 0.2656

Tritanomaly

28.9320, 0.3345, 0.2897

Monochromacy



Original Color

29.1484, 0.3130, 0.2542

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

29.9706, 0.3131, 0.2994

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.1484, 0.3130, 0.2542 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, 129, 185)` looks like.

```
.text, #text, p{  
    color:rgb(182, 129, 185)  
}
```

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, 129, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 129, 185) }
```

Border

The CSS property to change the border of an element to Yxy 29.1484, 0.3130, 0.2542 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, 129, 185) }
```

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

```
.border{ border-color:rgb(182, 129, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 129, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 129, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 129, 185);  
box-shadow:4px 4px 4px 4px rgb(182, 129,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 29.1484, 0.3130, 0.2542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 129, 185) }
```

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

```
.background{ background-color: rgb(182,  
129, 185) }
```

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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