

Converting Colors

$Y_{xy}(29.1626, 0.3163, 0.2557)$

Have a look what the booklet for
Yxy(29.1626, 0.3163, 0.2557)
contains.

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Color

Yxy(29.3516, 0.3161, 0.2558)

Conversions

Conversions Part 1

Format	Color
Hex	B881B8
RGB	184, 129, 184
RGB Percent	72%, 51%, 72%
CMY	0.2785, 0.4941, 0.2783
CMYK	0.00, 0.30, 0.00, 0.28
HSL	300°, 28%, 61%
HSV	300°, 30%, 72%
XYZ	36.2707, 29.3516, 49.1220
YIQ	151.7150, 15.1250, 28.7650

Conversions

Conversions Part 2

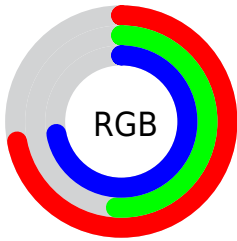
Format	Color
R_{YB}	184, 129, 184
Decimal	12091832
CIE _{Lab}	61.09, 30.38, -20.48
CIE _{LCh}	61, 36.637, 326.020
Yxy	29.3516, 0.3161, 0.2558
Android (android.graphics.Color)	4290281912 (0xFFB881B8)
YUV	151.7150, 15.9165, 28.3139
Hunter-Lab	54.1771, 24.6928, -15.8339

Details

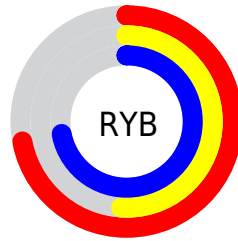
The Yxy color **29.3516, 0.3161, 0.2558** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **40.5532, 0.3087, 0.4149**, and the grayscale version is **31.1966, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.8590, 0.3163, 0.2700**, and **11.9765, 0.3156, 0.2348** is the 20% darker color. If you saturate the color by 10%, you get **24.9312, 0.3172, 0.2322**, and if you desaturate by 10%, it is **34.6477, 0.3150, 0.2804**.

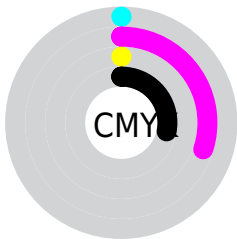
Distribution



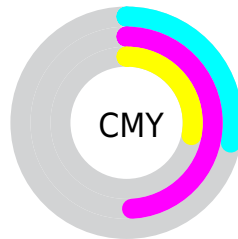
- Red (72%)
- Green (51%)
- Blue (72%)



- Red (72%)
- Yellow (51%)
- Blue (72%)



- Cyan (0%)
- Magenta (30%)
- Yellow (0%)
- Black (28%)





- Cyan (28%)
- Magenta (49%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.3516, 0.3161, 0.2558 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 29.3516, 0.3161, 0.2558 by changing the saturation by 10% instead.


 29.3516, 0.3161,
0.2558


 29.3516, 0.3161,
0.2558


298.8703, 0.3152,
0.2929


 19.3470, 0.3161,
0.2464


 58.6352, 0.3160,
0.2694

 11.9213, 0.3158,
0.2343


 78.6830, 0.3158,
0.2745

 6.6901, 0.3152,
0.2182


 102.8473, 0.3157,
0.2787

 3.2690, 0.3136,
0.1958

131.5126, 0.3156,
0.2824

 1.2738, 0.3097,
0.1628

165.0631, 0.3155,
0.2856

 0.1207, 0.3204,
0.0452

203.8833, 0.3154,

 0.0000, 0.0000,

0.2883

0.0000

248.3575, 0.3153,
0.2908

■ 29.3516, 0.3161,
0.2558

■ 29.3516, 0.3161,
0.2558

■ 24.9312, 0.3172,
0.2322

■ 34.6477, 0.3150,
0.2804

■ 21.3359, 0.3182,
0.2105

■ 40.8591, 0.3138,
0.3051

■ 18.5155, 0.3190,
0.1915


■ 48.0276, 0.3127,
0.3292

■ 16.4132, 0.3197,
0.1762

■ 56.1912, 0.3116,
0.3523


■ 14.9640, 0.3202,
0.1649


■ 65.3860, 0.3106,
0.3740

 14.0916, 0.3206,
0.1578


 75.6461, 0.3097,
0.3942

 13.6419, 0.3207,
0.1541

 85.1852, 0.3090,
0.4099

 13.6380, 0.3207,
0.1540

 85.1872, 0.3090,
0.4099

 85.1891, 0.3090,
0.4099

Harmonies

Analogous

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



29.3516, 0.2601, 0.2375



29.3516, 0.3161, 0.2558



29.3516, 0.3765, 0.2897

Triad

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



29.3516, 0.3161, 0.2558



29.3516, 0.4073, 0.4189



29.3516, 0.2153, 0.3097

Complementary

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



29.3516, 0.3161, 0.2558



40.5532, 0.3087, 0.4149

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.



29.3516, 0.2484, 0.3707



29.3516, 0.3161, 0.2558



29.3516, 0.3588, 0.4381

Square

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



29.3516, 0.3161, 0.2558



29.3516, 0.4312, 0.3792



29.3516, 0.3005, 0.4216



29.3516, 0.2064, 0.2628

Rectangle

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



29.3516, 0.3161, 0.2558



29.3516, 0.4089, 0.3180



29.3516, 0.3005, 0.4216



29.3516, 0.2237, 0.3294

Sweetspot

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



29.3529, 0.3161, 0.2558



74.9517, 0.3137, 0.3069



24.0737, 0.2609, 0.2446



15.7800, 0.3139, 0.3034



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.



29.3529, 0.3161, 0.2558



47.6496, 0.3168, 0.2398



28.3457, 0.3448, 0.2896



9.1624, 0.3138, 0.3065



9.3950, 0.3207, 0.1540



0.3313, 0.3208, 0.1541

Inverse Universe

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



27.4827, 0.3784, 0.3291



43.7049, 0.3998, 0.3292



41.3513, 0.2896, 0.3723



9.0123, 0.3288, 0.3290



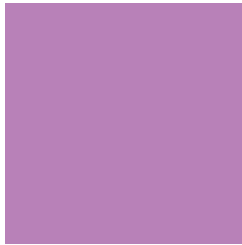
7.0234, 0.6400, 0.3299



0.2476, 0.6395, 0.3297

Previews

White Background



This preview shows how the Yxy color 29.3516, 0.3161, 0.2558 looks on a white background.

Color Contrast Check

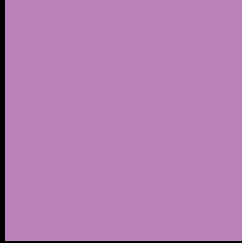
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.3516, 0.3161, 0.2558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

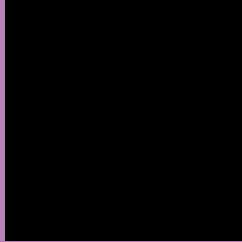
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.3516, 0.3161, 0.2558

Background



This preview shows how black text looks on a background with the Yxy color 29.3516, 0.3161, 0.2558.



This preview shows how white text looks on a background with the Yxy color 29.3516, 0.3161, 0.2558.

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

29.3516, 0.3161, 0.2558

Protanopia

29.6116, 0.2592, 0.2552

Deuteranopia

29.6067, 0.2802, 0.2752



Tritanopia

29.2986, 0.3493, 0.3134

Trichromacy



Original Color

29.3516, 0.3161, 0.2558

Protanomaly

29.2373, 0.2771, 0.2544

Deuteranomaly

29.2136, 0.2923, 0.2670

Tritanomaly

29.1369, 0.3378, 0.2913

Monochromacy



Original Color

29.3516, 0.3161, 0.2558

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

30.5194, 0.3141, 0.2997

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.3516, 0.3161, 0.2558 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(184, 129, 184)` looks like.

```
.text, #text, p{  
    color:rgb(184, 129, 184)  
}
```

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(184, 129, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 129, 184) }
```

Border

The CSS property to change the border of an element to Yxy 29.3516, 0.3161, 0.2558 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(184, 129, 184) }
```

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

```
.border{ border-color:rgb(184, 129, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 129, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 129, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 129, 184);  
box-shadow:4px 4px 4px 4px rgb(184, 129,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 29.3516, 0.3161, 0.2558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 129, 184) }
```

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

```
.background{ background-color: rgb(184,  
129, 184) }
```

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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