

Converting Colors

$Yxy(29.9873, 0.3180, 0.2716)$

Have a look what the booklet for
Yxy(29.9873, 0.3180, 0.2716)
contains.

Yxy(30.0860, 0.3175, 0.2715)	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(30.0860, 0.3175, 0.2715)

Conversions

Conversions Part 1

Format	Color
Hex	B387B1
RGB	179, 135, 177
RGB Percent	70%, 53%, 69%
CMY	0.2982, 0.4705, 0.3059
CMYK	0.00, 0.25, 0.01, 0.30
HSL	303°, 22%, 62%
HSV	303°, 25%, 70%
XYZ	35.1834, 30.0860, 45.5446
YIQ	152.9440, 12.7420, 22.3900

Conversions

Conversions Part 2

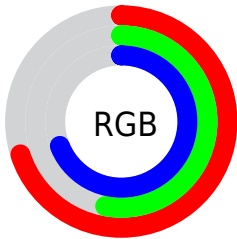
Format	Color
R_{YB}	179, 135, 177
Decimal	11765681
CIE _{Lab}	61.73, 23.97, -15.56
CIE _{LCh}	62, 28.578, 327.013
Yxy	30.0860, 0.3175, 0.2715
Android (android.graphics.Color)	4289955761 (0xFFB387B1)
YUV	152.9440, 11.8596, 22.8511
Hunter-Lab	54.8507, 18.5083, -10.8352

Details

The Yxy color **30.0860, 0.3175, 0.2715** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **39.1845, 0.3080, 0.3941**, and the grayscale version is **31.7728, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.9406, 0.3165, 0.2824**, and **12.3879, 0.3193, 0.2553** is the 20% darker color. If you saturate the color by 10%, you get **25.4732, 0.3197, 0.2482**, and if you desaturate by 10%, it is **35.5410, 0.3154, 0.2952**.

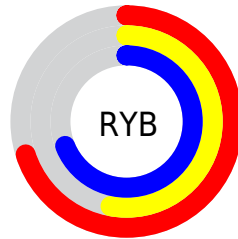
Distribution



Red (70%)

Green (53%)

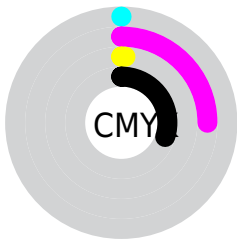
Blue (69%)



Red (70%)

Yellow (53%)

Blue (69%)

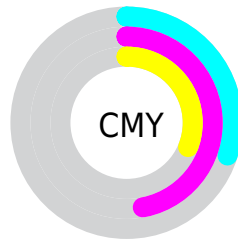


Cyan (0%)

Magenta (25%)

Yellow (1%)

Black (30%)



Cyan (30%)


Magenta (47%)

Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.0860, 0.3175, 0.2715 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 30.0860, 0.3175, 0.2715 by changing the saturation by 10% instead.


 30.0860, 0.3175,
0.2715


 30.0860, 0.3175,
0.2715

302.3051, 0.3155,
0.3010


 19.9039, 0.3179,
0.2639


 59.7982, 0.3169,
0.2824

 12.3252, 0.3182,
0.2541


 80.0970, 0.3166,
0.2864

 6.9655, 0.3185,
0.2408


 104.5368, 0.3164,
0.2898

 3.4406, 0.3185,
0.2218

133.5021, 0.3162,
0.2927

 1.3658, 0.3175,
0.1930

167.3771, 0.3160,
0.2952

 0.1913, 0.3344,
0.0834

206.5464, 0.3158,

 0.0000, 0.0000,

0.2974

0.0000

251.3943, 0.3156,
0.2993

■ 30.0860, 0.3175,
0.2715

■ 30.0860, 0.3175,
0.2715

■ 25.4732, 0.3197,
0.2482

■ 35.5410, 0.3154,
0.2952

■ 21.6569, 0.3219,
0.2260

■ 41.8734, 0.3135,
0.3186

■ 18.5927, 0.3241,
0.2061

■ 49.1210, 0.3118,
0.3411

■ 16.2305, 0.3263,
0.1891

■ 57.3183, 0.3102,
0.3624

■ 14.5141, 0.3283,
0.1759

■ 66.4980, 0.3088,
0.3823

■ 13.3786, 0.3301,
0.1669

■ 76.6913, 0.3076,
0.4006

■ 12.7458, 0.3316,
0.1621

■ 84.5022, 0.3067,
0.4123

■ 12.5175, 0.3324,
0.1605

■ 84.5356, 0.3063,
0.4114

■ 84.5692, 0.3058,
0.4104

Harmonies

Analogous

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



30.0860, 0.2731, 0.2564



30.0860, 0.3175, 0.2715



30.0860, 0.3636, 0.2994

Triad

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



30.0860, 0.3175, 0.2715



30.0860, 0.3862, 0.4010



30.0860, 0.2353, 0.3138

Complementary

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



30.0860, 0.3175, 0.2715



39.1845, 0.3080, 0.3941

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.



30.0860, 0.2617, 0.3596



30.0860, 0.3175, 0.2715



30.0860, 0.3484, 0.4127

Square

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



30.0860, 0.3175, 0.2715



30.0860, 0.4046, 0.3715



30.0860, 0.3028, 0.3980



30.0860, 0.2284, 0.2772

Rectangle

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



30.0860, 0.3175, 0.2715



30.0860, 0.3879, 0.3226



30.0860, 0.3028, 0.3980



30.0860, 0.2421, 0.3287

Sweetspot

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



30.0873, 0.3175, 0.2715



71.9645, 0.3140, 0.3127



25.8619, 0.2728, 0.2610



15.7917, 0.3141, 0.3113



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.



30.0873, 0.3175, 0.2715



49.6453, 0.3186, 0.2599



29.2975, 0.3401, 0.3000



8.6400, 0.3144, 0.3075



8.8520, 0.3323, 0.1604



0.2805, 0.3288, 0.1585

Inverse Universe

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



30.0873, 0.3175, 0.2715



49.6453, 0.3186, 0.2599



39.8630, 0.2919, 0.3600



8.6400, 0.3144, 0.3075



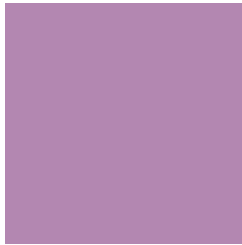
8.8520, 0.3323, 0.1604



0.2805, 0.3288, 0.1585

Previews

White Background



This preview shows how the Yxy color 30.0860, 0.3175, 0.2715 looks on a white background.

Color Contrast Check

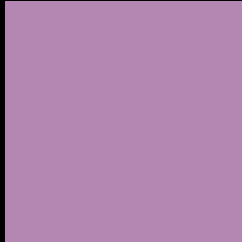
Large Text (above 18pt) WCAG AA × Fail

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 30.0860, 0.3175, 0.2715 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 30.0860, 0.3175, 0.2715

Background



This preview shows how black text looks on a background with the Yxy color 30.0860, 0.3175, 0.2715.



This preview shows how white text looks on a background with the Yxy color 30.0860, 0.3175, 0.2715.

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

30.0860, 0.3175, 0.2715

Protanopia

30.3004, 0.2720, 0.2723

Deuteranopia

30.3283, 0.2919, 0.2859



Tritanopia

30.1045, 0.3396, 0.3132

Trichromacy



Original Color

30.0860, 0.3175, 0.2715

Protanomaly

29.9338, 0.2867, 0.2708

Deuteranomaly

30.1620, 0.3008, 0.2799

Tritanomaly

29.9451, 0.3315, 0.2978

Monochromacy



Original Color

30.0860, 0.3175, 0.2715

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

30.8478, 0.3138, 0.3054

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.0860, 0.3175, 0.2715 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, 135, 177)` looks like.

```
.text, #text, p{  
    color:rgb(179, 135, 177)  
}
```

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, 135, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 135, 177) }
```

Border

The CSS property to change the border of an element to Yxy 30.0860, 0.3175, 0.2715 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, 135, 177) }
```

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

```
.border{ border-color:rgb(179, 135, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 135, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 135, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 135, 177);  
box-shadow:4px 4px 4px 4px rgb(179, 135,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 30.0860, 0.3175, 0.2715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 135, 177) }
```

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

```
.background{ background-color: rgb(179,  
135, 177) }
```

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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