

Converting Colors

$Y_{xy}(29.9488, 0.3314, 0.2621)$

Have a look what the booklet for
Yxy(29.9488, 0.3314, 0.2621)
contains.

Yxy(30.0305, 0.3310, 0.2627)	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(30.0305, 0.3310, 0.2627)

Conversions

Conversions Part 1

Format	Color
Hex	C180B3
RGB	193, 128, 179
RGB Percent	76%, 50%, 70%
CMY	0.2433, 0.4979, 0.2981
CMYK	0.00, 0.34, 0.07, 0.24
HSL	313°, 34%, 63%
HSV	313°, 34%, 76%
XYZ	37.8382, 30.0305, 46.4461
YIQ	153.2490, 22.3690, 29.6410

Conversions

Conversions Part 2

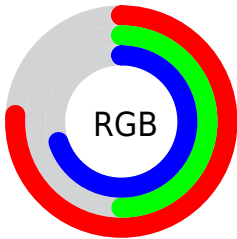
Format	Color
R _Y B	193, 128, 179
Decimal	12681395
CIE Lab	61.68, 32.99, -16.62
CIE LCh	62, 36.940, 333.258
Yxy	30.0305, 0.3310, 0.2627
Android (android.graphics.Color)	4290871475 (0xFFC180B3)
YUV	153.2490, 12.6952, 34.8616
Hunter-Lab	54.8001, 27.3500, -11.8915

Details

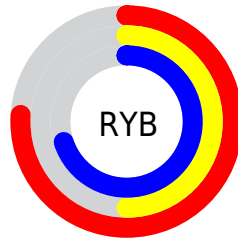
The Yxy color **30.0305, 0.3310, 0.2627** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **44.6627, 0.2987, 0.4061**, and the grayscale version is **31.9064, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.7780, 0.3274, 0.2751**, and **12.2174, 0.3358, 0.2428** is the 20% darker color. If you saturate the color by 10%, you get **25.3011, 0.3381, 0.2434**, and if you desaturate by 10%, it is **35.7248, 0.3247, 0.2827**.

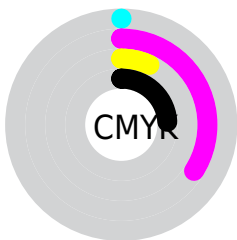
Distribution



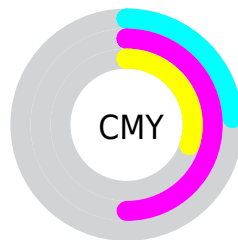
- Red (76%)
- Green (50%)
- Blue (70%)



- Red (76%)
- Yellow (50%)
- Blue (70%)



- Cyan (0%)
- Magenta (34%)
- Yellow (7%)
- Black (24%)





- Cyan (24%)
- Magenta (50%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.0305, 0.3310, 0.2627 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 30.0305, 0.3310, 0.2627 by changing the saturation by 10% instead.


 30.0305, 0.3310,
0.2627


 30.0305, 0.3310,
0.2627


302.0466, 0.3220,
0.2964


 19.8617, 0.3332,
0.2542


 59.7104, 0.3278,
0.2750

 12.2946, 0.3359,
0.2432


 79.9903, 0.3266,
0.2796

 6.9446, 0.3394,
0.2284


 104.4095, 0.3255,
0.2835

 3.4275, 0.3440,
0.2078

133.3522, 0.3246,
0.2868

 1.3588, 0.3502,
0.1771

167.2028, 0.3239,
0.2897

 0.1860, 0.3810,
0.0716

206.3459, 0.3232,

 0.0000, 0.0000,

0.2922

0.0000

251.1656, 0.3226,
0.2944

■ 30.0305, 0.3310,
0.2627

■ 30.0305, 0.3310,
0.2627

■ 25.3011, 0.3381,
0.2434

■ 35.7248, 0.3247,
0.2827

■ 21.4781, 0.3458,
0.2257

■ 42.4302, 0.3191,
0.3027

■ 18.5029, 0.3540,
0.2105


■ 50.1945, 0.3143,
0.3221

■ 16.3085, 0.3625,
0.1989

■ 59.0616, 0.3102,
0.3406

■ 14.8176, 0.3710,
0.1917

■ 69.0728, 0.3067,
0.3580


 13.9369, 0.3792,
0.1890

 80.2672, 0.3037,
0.3741

 13.5806, 0.3843,
0.1891

 87.4067, 0.3013,
0.3809

 87.6137, 0.2990,
0.3762

 87.8260, 0.2968,
0.3714

Harmonies

Analogous

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



30.0305, 0.2723, 0.2402



30.0305, 0.3310, 0.2627



30.0305, 0.3895, 0.2995

Triad

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



30.0305, 0.3310, 0.2627



30.0305, 0.3974, 0.4261



30.0305, 0.2108, 0.2965

Complementary

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



30.0305, 0.3310, 0.2627



44.6627, 0.2987, 0.4061

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.



30.0305, 0.2383, 0.3558



30.0305, 0.3310, 0.2627



30.0305, 0.3451, 0.4378

Square

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



30.0305, 0.3310, 0.2627



30.0305, 0.4285, 0.3898



30.0305, 0.2868, 0.4119



30.0305, 0.2079, 0.2549

Rectangle

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



30.0305, 0.3310, 0.2627



30.0305, 0.4177, 0.3289



30.0305, 0.2868, 0.4119



30.0305, 0.2173, 0.3150

Sweetspot

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



30.0319, 0.3310, 0.2627



80.6710, 0.3174, 0.3096



24.9585, 0.2647, 0.2332



16.8969, 0.3181, 0.3068



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.



30.0319, 0.3310, 0.2627



47.7232, 0.3359, 0.2491



28.9000, 0.3668, 0.3028



10.2092, 0.3170, 0.3111



9.0500, 0.3833, 0.1885



0.4005, 0.3668, 0.1794

Inverse Universe

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



30.0319, 0.3310, 0.2627



47.7232, 0.3359, 0.2491



45.7456, 0.2777, 0.3573



10.2092, 0.3170, 0.3111



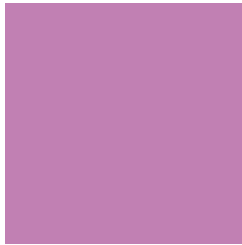
9.0500, 0.3833, 0.1885



0.4005, 0.3668, 0.1794

Previews

White Background



This preview shows how the Yxy color 30.0305, 0.3310, 0.2627 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 30.0305, 0.3310, 0.2627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

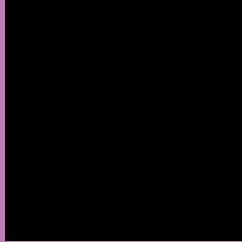
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.0305, 0.3310, 0.2627

Background



This preview shows how black text looks on a background with the Yxy color 30.0305, 0.3310, 0.2627.



This preview shows how white text looks on a background with the Yxy color 30.0305, 0.3310, 0.2627.

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

30.0305, 0.3310, 0.2627

Protanopia

30.4333, 0.2650, 0.2627

Deuteranopia

30.2717, 0.2901, 0.2844



Tritanopia

30.1911, 0.3631, 0.3154

Trichromacy



Original Color

30.0305, 0.3310, 0.2627

Protanomaly

29.9497, 0.2861, 0.2621

Deuteranomaly

29.7466, 0.3039, 0.2748

Tritanomaly

29.8840, 0.3513, 0.2952

Monochromacy



Original Color

30.0305, 0.3310, 0.2627

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

30.8800, 0.3202, 0.3029

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.0305, 0.3310, 0.2627 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(193, 128, 179)` looks like.

```
.text, #text, p{  
    color:rgb(193, 128, 179)  
}
```

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(193, 128, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 128, 179) }
```

Border

The CSS property to change the border of an element to Yxy 30.0305, 0.3310, 0.2627 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(193, 128, 179) }
```

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

```
.border{ border-color:rgb(193, 128, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 128, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 128, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 128, 179); box-shadow:4px 4px 4px 4px rgb(193, 128, 179) }
```


Background

The CSS property to change the background color of an element to Yxy 30.0305, 0.3310, 0.2627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 128, 179) }
```

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

```
.background{ background-color: rgb(193,  
128, 179) }
```

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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