

Converting Colors

$Y_{xy}(29.5452, 0.3405, 0.2626)$

Have a look what the booklet for
Yxy(29.5452, 0.3405, 0.2626)
contains.

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Color

Yxy(29.5557, 0.3403, 0.2624)

Conversions

Conversions Part 1

Format	Color
Hex	C67CB0
RGB	198, 124, 176
RGB Percent	78%, 49%, 69%
CMY	0.2236, 0.5137, 0.3099
CMYK	0.00, 0.37, 0.11, 0.22
HSL	318°, 39%, 63%
HSV	318°, 37%, 78%
XYZ	38.3300, 29.5557, 44.7503
YIQ	152.0540, 27.4120, 31.8600

Conversions

Conversions Part 2

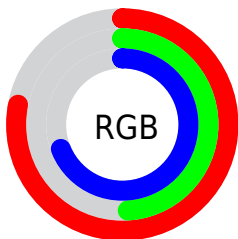
Format	Color
R _Y B	198, 124, 176
Decimal	13008048
CIE Lab	61.27, 36.35, -15.48
CIE LCh	61, 39.508, 336.937
Yxy	29.5557, 0.3403, 0.2624
Android (android.graphics.Color)	4291198128 (0xFFC67CB0)
YUV	152.0540, 11.8054, 40.2946
Hunter-Lab	54.3652, 30.7121, -10.7485

Details

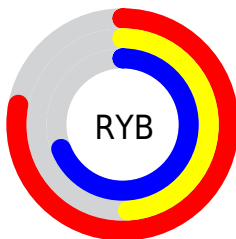
The Yxy color **29.5557, 0.3403, 0.2624** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **46.7470, 0.2933, 0.4069**, and the grayscale version is **31.3640, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.9270, 0.3342, 0.2746**, and **12.0348, 0.3494, 0.2433** is the 20% darker color. If you saturate the color by 10%, you get **24.8541, 0.3504, 0.2452**, and if you desaturate by 10%, it is **35.2664, 0.3314, 0.2805**.

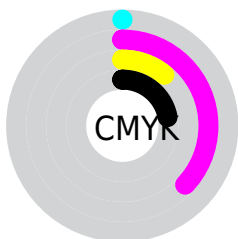
Distribution



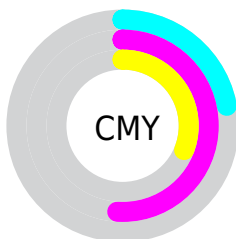
- Red (78%)
- Green (49%)
- Blue (69%)



- Red (78%)
- Yellow (49%)
- Blue (69%)



- Cyan (0%)
- Magenta (37%)
- Yellow (11%)
- Black (22%)





- Cyan (22%)
- Magenta (51%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.5557, 0.3403, 0.2624 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 29.5557, 0.3403, 0.2624 by changing the saturation by 10% instead.


 29.5557, 0.3403,
0.2624

 29.5557, 0.3403,
0.2624


299.8279, 0.3264,
0.2963

 19.5016, 0.3438,
0.2538


 58.9588, 0.3352,
0.2748

 12.0333, 0.3483,
0.2427


 79.0766, 0.3333,
0.2795

 6.7663, 0.3543,
0.2278


 103.3178, 0.3317,
0.2834

 3.3164, 0.3627,
0.2069

132.0668, 0.3303,
0.2867

 1.2991, 0.3749,
0.1757

165.7078, 0.3291,
0.2896

 0.1405, 0.4245,
0.0577

204.6255, 0.3281,

 0.0000, 0.0000,

0.2921

0.0000

249.2040, 0.3272,
0.2943

■ 29.5557, 0.3403,
0.2624

■ 29.5557, 0.3403,
0.2624

■ 24.8541, 0.3504,
0.2452

■ 35.2664, 0.3314,
0.2805

■ 21.0975, 0.3616,
0.2297

■ 42.0372, 0.3236,
0.2987

■ 18.2207, 0.3736,
0.2171


■ 49.9206, 0.3170,
0.3164


■ 16.1484, 0.3861,
0.2084


■ 58.9644, 0.3113,
0.3334


■ 14.7927, 0.3987,
0.2043

■ 69.2135, 0.3066,
0.3493


 14.0306, 0.4109,
0.2050

 80.7105, 0.3026,
0.3641

 13.8716, 0.4142,
0.2055

 88.5458, 0.2993,
0.3701

 88.8583, 0.2961,
0.3635

 89.1818, 0.2929,
0.3569

Harmonies

Analogous

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



29.5557, 0.2763, 0.2364



29.5557, 0.3403, 0.2624



29.5557, 0.4018, 0.3027

Triad

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



29.5557, 0.3403, 0.2624



29.5557, 0.3970, 0.4362



29.5557, 0.2022, 0.2869

Complementary

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



29.5557, 0.3403, 0.2624



46.7470, 0.2933, 0.4069

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.



29.5557, 0.2280, 0.3493



29.5557, 0.3403, 0.2624



29.5557, 0.3391, 0.4454

Square

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



29.5557, 0.3403, 0.2624



29.5557, 0.4343, 0.3987



29.5557, 0.2773, 0.4126



29.5557, 0.2025, 0.2457

Rectangle

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



29.5557, 0.3403, 0.2624



29.5557, 0.4296, 0.3343



29.5557, 0.2773, 0.4126



29.5557, 0.2079, 0.3059

Sweetspot

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



29.5571, 0.3403, 0.2624



82.8650, 0.3194, 0.3098



24.5125, 0.2638, 0.2224



17.3223, 0.3203, 0.3073



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



29.5571, 0.3403, 0.2624



45.3024, 0.3486, 0.2480



28.3178, 0.3830, 0.3078



10.7608, 0.3182, 0.3129



9.0374, 0.4126, 0.2047



0.4402, 0.3892, 0.1918

Inverse Universe

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



29.5571, 0.3403, 0.2624



45.3024, 0.3486, 0.2480



48.0469, 0.2706, 0.3518



10.7608, 0.3182, 0.3129



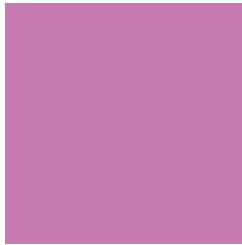
9.0374, 0.4126, 0.2047



0.4402, 0.3892, 0.1918

Previews

White Background



This preview shows how the Yxy color 29.5557, 0.3403, 0.2624 looks on a white background.

Color Contrast Check

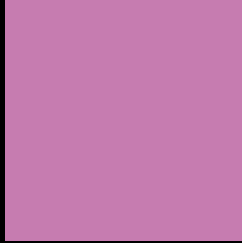
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.5557, 0.3403, 0.2624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

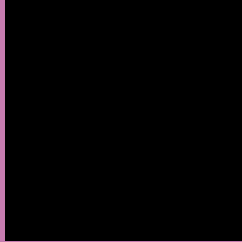
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.5557, 0.3403, 0.2624

Background



This preview shows how black text looks on a background with the Yxy color 29.5557, 0.3403, 0.2624.



This preview shows how white text looks on a background with the Yxy color 29.5557, 0.3403, 0.2624.

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

29.5557, 0.3403, 0.2624

Protanopia

29.9074, 0.2639, 0.2622

Deuteranopia

29.8087, 0.2936, 0.2885



Tritanopia

29.6250, 0.3747, 0.3156

Trichromacy



Original Color

29.5557, 0.3403, 0.2624

Protanomaly

29.3813, 0.2887, 0.2619

Deuteranomaly

29.2333, 0.3099, 0.2775

Tritanomaly

29.3735, 0.3614, 0.2944

Monochromacy



Original Color

29.5557, 0.3403, 0.2624

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

30.3542, 0.3225, 0.3015

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.5557, 0.3403, 0.2624 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(198, 124, 176)` looks like.

```
.text, #text, p{  
    color:rgb(198, 124, 176)  
}
```

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(198, 124, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 124, 176) }
```

Border

The CSS property to change the border of an element to Yxy 29.5557, 0.3403, 0.2624 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(198, 124, 176) }
```

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

```
.border{ border-color:rgb(198, 124, 176) }
```

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

Here you see how a box with a 4 pixel rgb(198, 124, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 124, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 124, 176);  
box-shadow:4px 4px 4px 4px rgb(198, 124,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 29.5557, 0.3403, 0.2624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 124, 176) }
```

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

```
.background{ background-color: rgb(198,  
124, 176) }
```

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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