

Converting Colors

$Y_{xy}(30.5191, 0.3672, 0.3051)$

Have a look what the booklet for
Yxy(30.5191, 0.3672, 0.3051)
contains.

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Color

Yxy(30.5749, 0.3672, 0.3052)

Conversions

Conversions Part 1

Format	Color
Hex	C58496
RGB	197, 132, 150
RGB Percent	77%, 52%, 59%
CMY	0.2274, 0.4824, 0.4117
CMYK	0.00, 0.33, 0.24, 0.23
HSL	343°, 36%, 65%
HSV	343°, 33%, 77%
XYZ	36.7861, 30.5749, 32.8189
YIQ	153.4870, 32.9620, 19.3780

Conversions

Conversions Part 2

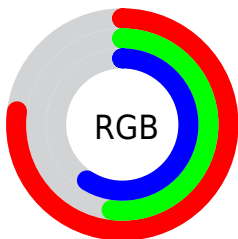
Format	Color
RYB	197, 132, 150
Decimal	12944534
CIELab	62.15, 27.54, 0.64
CIELCh	62, 27.544, 1.331
Yxy	30.5749, 0.3672, 0.3052
Android (android.graphics.Color)	4291134614 (0xFFC58496)
YUV	153.4870, -1.7191, 38.1609
Hunter-Lab	55.2946, 21.9859, 3.5159

Details

The Yxy color **30.5749, 0.3672, 0.3052** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.1010, 0.2773, 0.3545**, and the grayscale version is **32.0765, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.7374, 0.3563, 0.3105**, and **12.5365, 0.3870, 0.2967** is the 20% darker color. If you saturate the color by 10%, you get **25.2969, 0.3920, 0.2979**, and if you desaturate by 10%, it is **36.9206, 0.3467, 0.3127**.

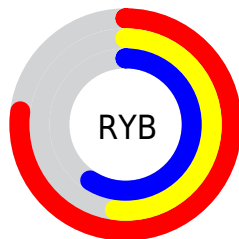
Distribution



Red (77%)

Green (52%)

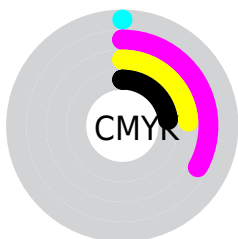
Blue (59%)



Red (77%)

Yellow (52%)

Blue (59%)

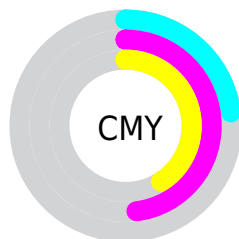


Cyan (0%)

Magenta (33%)

Yellow (24%)

Black (23%)



Cyan (23%)


Magenta (48%)


Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.5749, 0.3672, 0.3052 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 30.5749, 0.3672, 0.3052 by changing the saturation by 10% instead.


 30.5749, 0.3672,
0.3052

 30.5749, 0.3672,
0.3052


304.5751, 0.3380,
0.3180

 20.2754, 0.3752,
0.3017


 60.5702, 0.3561,
0.3101

 12.5954, 0.3859,
0.2970


 81.0347, 0.3521,
0.3118

 7.1505, 0.4009,
0.2903


 105.6563, 0.3488,
0.3133

 3.5564, 0.4237,
0.2801

134.8195, 0.3459,
0.3145

 1.4287, 0.4618,
0.2630

168.9085, 0.3435,
0.3156

 0.2377, 0.6656,
0.1759


208.3079, 0.3415,

 0.0000, 0.0000,


0.3165


0.0000


253.4019, 0.3396,
0.3173

 30.5749, 0.3672,
0.3052


 30.5749, 0.3672,
0.3052

 25.2969, 0.3920,
0.2979


 36.9206, 0.3467,
0.3127

 21.0232, 0.4214,
0.2915

 44.3840, 0.3299,
0.3201


 17.6907, 0.4551,
0.2868


 53.0172, 0.3163,
0.3270


 15.2270, 0.4920,
0.2850

 62.8677, 0.3052,
0.3335

 13.5490, 0.5295,
0.2871

 73.9805, 0.2961,
0.3394

 12.5574, 0.5641,
0.2936

 86.3981, 0.2887,
0.3448

 12.1445, 0.5853,
0.2998

 90.2773, 0.2816,
0.3345

 90.6128, 0.2789,
0.3289

Harmonies

Analogous

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



30.5749, 0.3240, 0.2769



30.5749, 0.3672, 0.3052



30.5749, 0.3957, 0.3400

Triad

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



30.5749, 0.3672, 0.3052



30.5749, 0.3410, 0.4087



30.5749, 0.2323, 0.2756

Complementary

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



30.5749, 0.3672, 0.3052



48.1010, 0.2773, 0.3545

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.



30.5749, 0.2361, 0.3087



30.5749, 0.3672, 0.3052



30.5749, 0.2971, 0.3908

Square

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



30.5749, 0.3672, 0.3052



30.5749, 0.3790, 0.4011



30.5749, 0.2591, 0.3521



30.5749, 0.2478, 0.2592

Rectangle

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



30.5749, 0.3672, 0.3052



30.5749, 0.4014, 0.3636



30.5749, 0.2591, 0.3521



30.5749, 0.2314, 0.2849

Sweetspot

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



30.5763, 0.3672, 0.3052



83.6646, 0.3258, 0.3221



30.0690, 0.2980, 0.2433



17.4542, 0.3278, 0.3211



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.



30.5763, 0.3672, 0.3052



47.3890, 0.3856, 0.2996



34.1223, 0.3823, 0.3480



10.6844, 0.3247, 0.3226



7.9987, 0.5820, 0.2980



0.3914, 0.5206, 0.2642

Inverse Universe

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



30.5763, 0.3672, 0.3052



47.3890, 0.3856, 0.2996



42.7754, 0.2637, 0.3089



10.6844, 0.3247, 0.3226



7.9987, 0.5820, 0.2980



0.3914, 0.5206, 0.2642

Previews

White Background



This preview shows how the Yxy color 30.5749, 0.3672, 0.3052 looks on a white background.

Color Contrast Check

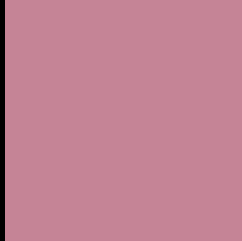
Large Text (above 18pt) WCAG AA × Fail

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 30.5749, 0.3672, 0.3052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

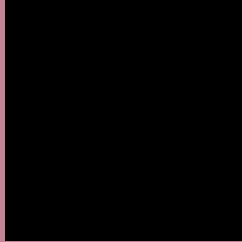
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.5749, 0.3672, 0.3052

Background



This preview shows how black text looks on a background with the Yxy color 30.5749, 0.3672, 0.3052.



This preview shows how white text looks on a background with the Yxy color 30.5749, 0.3672, 0.3052.

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

30.5749, 0.3672, 0.3052

Protanopia

30.8348, 0.3034, 0.3137

Deuteranopia

30.8029, 0.3319, 0.3261



Tritanopia

30.4940, 0.3739, 0.3158

Trichromacy



Original Color

30.5749, 0.3672, 0.3052

Protanomaly

30.2607, 0.3253, 0.3099

Deuteranomaly

30.5668, 0.3437, 0.3176

Tritanomaly

30.5861, 0.3704, 0.3118

Monochromacy



Original Color

30.5749, 0.3672, 0.3052

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

30.9528, 0.3312, 0.3188

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.5749, 0.3672, 0.3052 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(197, 132, 150)` looks like.

```
.text, #text, p{  
    color:rgb(197, 132, 150)  
}
```

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(197, 132, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 132, 150) }
```

Border

The CSS property to change the border of an element to Yxy 30.5749, 0.3672, 0.3052 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(197, 132, 150) }
```

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

```
.border{ border-color:rgb(197, 132, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 132, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 132, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 132, 150);  
box-shadow:4px 4px 4px 4px rgb(197, 132,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 30.5749, 0.3672, 0.3052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 132, 150) }
```

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

```
.background{ background-color: rgb(197,  
132, 150) }
```

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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