

Converting Colors

$Y_{xy}(30.7512, 0.33370, 0.2945)$

Have a look what the booklet for
Yxy(30.7512, 0.3370, 0.2945)
contains.

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Color

Yxy(30.5672, 0.3371, 0.2945)

Conversions

Conversions Part 1

Format	Color
Hex	B789A2
RGB	183, 137, 162
RGB Percent	72%, 54%, 64%
CMY	0.2825, 0.4627, 0.3647
CMYK	0.00, 0.25, 0.11, 0.28
HSL	327°, 24%, 63%
HSV	327°, 25%, 72%
XYZ	34.9888, 30.5672, 38.2375
YIQ	153.6040, 19.3910, 17.5270

Conversions

Conversions Part 2

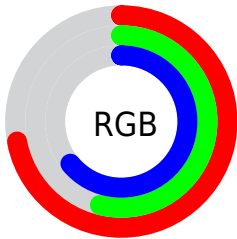
Format	Color
RYB	183, 137, 162
Decimal	12028322
CIELab	62.14, 21.53, -6.38
CIELCh	62, 22.456, 343.497
Yxy	30.5672, 0.3371, 0.2945
Android (android.graphics.Color)	4290218402 (0xFFB789A2)
YUV	153.6040, 4.1392, 25.7803
Hunter-Lab	55.2876, 16.2105, -2.3043

Details

The Yxy color **30.5672, 0.3371, 0.2945** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.6398, 0.2940, 0.3663**, and the grayscale version is **32.1075, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.6221, 0.3318, 0.3013**, and **12.6093, 0.3451, 0.2849** is the 20% darker color. If you saturate the color by 10%, you get **25.5124, 0.3502, 0.2802**, and if you desaturate by 10%, it is **36.5266, 0.3261, 0.3087**.

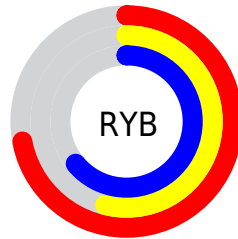
Distribution



Red (72%)

Green (54%)

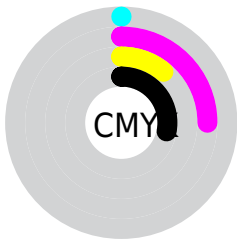
Blue (64%)



Red (72%)

Yellow (54%)

Blue (64%)

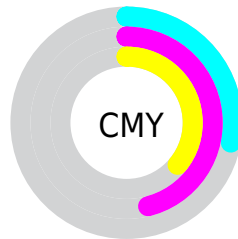


Cyan (0%)

Magenta (25%)

Yellow (11%)

Black (28%)



Cyan (28%)


Magenta (46%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.5672, 0.3371, 0.2945 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 30.5672, 0.3371, 0.2945 by changing the saturation by 10% instead.


 30.5672, 0.3371,
0.2945


 30.5672, 0.3371,
0.2945


304.5394, 0.3243,
0.3125

 20.2695, 0.3405,
0.2898


 60.5580, 0.3323,
0.3012

 12.5911, 0.3451,
0.2835

 81.0199, 0.3305,
0.3037

 7.1476, 0.3513,
0.2749


 105.6387, 0.3291,
0.3058

 3.5546, 0.3607,
0.2623

134.7988, 0.3278,
0.3075

 1.4277, 0.3758,
0.2422

168.8845, 0.3267,
0.3090

 0.2370, 0.4438,
0.1401

208.2802, 0.3258,

 0.0000, 0.0000,

0.3103

0.0000

253.3704, 0.3250,
0.3115

■ 30.5672, 0.3371,
0.2945

■ 30.5672, 0.3371,
0.2945

■ 25.5124, 0.3502,
0.2802

■ 36.5266, 0.3261,
0.3087

■ 21.3131, 0.3654,
0.2663

■ 43.4281, 0.3168,
0.3223

■ 17.9220, 0.3829,
0.2536

■ 51.3121, 0.3091,
0.3352

■ 15.2855, 0.4025,
0.2433

■ 60.2156, 0.3028,
0.3472

■ 13.3432, 0.4235,
0.2366

■ 70.1735, 0.2975,
0.3582

■ 12.0255, 0.4453,
0.2345

■ 81.2191, 0.2931,
0.3684

■ 11.2474, 0.4668,
0.2377

■ 86.7734, 0.2890,
0.3674

■ 10.9727, 0.4773,
0.2403

■ 87.2280, 0.2847,
0.3578

■ 87.7052, 0.2804,
0.3484

Harmonies

Analogous

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



30.5672, 0.3003, 0.2762



30.5672, 0.3371, 0.2945



30.5672, 0.3685, 0.3211

Triad

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



30.5672, 0.3371, 0.2945



30.5672, 0.3560, 0.3926



30.5672, 0.2462, 0.3005

Complementary

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



30.5672, 0.3371, 0.2945



41.6398, 0.2940, 0.3663

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.



30.5672, 0.2593, 0.3335



30.5672, 0.3371, 0.2945



30.5672, 0.3218, 0.3898

Square

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



30.5672, 0.3371, 0.2945



30.5672, 0.3793, 0.3772



30.5672, 0.2865, 0.3675



30.5672, 0.2496, 0.2781

Rectangle

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



30.5672, 0.3371, 0.2945



30.5672, 0.3812, 0.3409



30.5672, 0.2865, 0.3675



30.5672, 0.2488, 0.3107

Sweetspot

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



30.5686, 0.3371, 0.2945



73.8944, 0.3194, 0.3183



28.5528, 0.2901, 0.2626



15.9026, 0.3208, 0.3162



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.



30.5686, 0.3371, 0.2945



49.6972, 0.3439, 0.2868



29.8334, 0.3621, 0.3259



9.0917, 0.3205, 0.3166



7.6722, 0.4749, 0.2390



0.2828, 0.4250, 0.2115

Inverse Universe

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



30.5686, 0.3371, 0.2945



49.6972, 0.3439, 0.2868



42.4942, 0.2779, 0.3322



9.0917, 0.3205, 0.3166



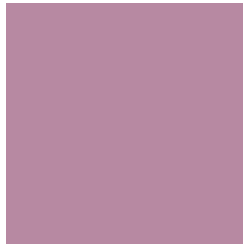
7.6722, 0.4749, 0.2390



0.2828, 0.4250, 0.2115

Previews

White Background



This preview shows how the Yxy color 30.5672, 0.3371, 0.2945 looks on a white background.

Color Contrast Check

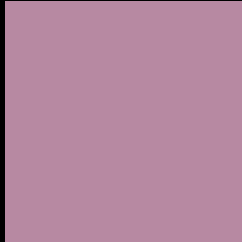
Large Text (above 18pt) WCAG AA × Fail

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 30.5672, 0.3371, 0.2945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

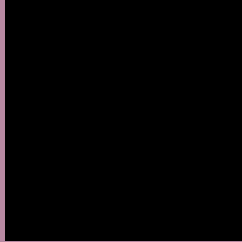
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.5672, 0.3371, 0.2945

Background



This preview shows how black text looks on a background with the Yxy color 30.5672, 0.3371, 0.2945.



This preview shows how white text looks on a background with the Yxy color 30.5672, 0.3371, 0.2945.

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

30.5672, 0.3371, 0.2945

Protanopia

30.6002, 0.2916, 0.2971

Deuteranopia

30.6729, 0.3147, 0.3082



Tritanopia

30.4910, 0.3475, 0.3136

Trichromacy



Original Color

30.5672, 0.3371, 0.2945

Protanomaly

30.5144, 0.3071, 0.2966

Deuteranomaly

30.6531, 0.3224, 0.3029

Tritanomaly

30.4551, 0.3445, 0.3067

Monochromacy



Original Color

30.5672, 0.3371, 0.2945

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

31.6135, 0.3216, 0.3158

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.5672, 0.3371, 0.2945 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(183, 137, 162)` looks like.

```
.text, #text, p{  
    color:rgb(183, 137, 162)  
}
```

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(183, 137, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 137, 162) }
```

Border

The CSS property to change the border of an element to Yxy 30.5672, 0.3371, 0.2945 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(183, 137, 162) }
```

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

```
.border{ border-color:rgb(183, 137, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 137, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 137, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 137, 162);  
box-shadow:4px 4px 4px 4px rgb(183, 137,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 30.5672, 0.3371, 0.2945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 137, 162) }
```

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

```
.background{ background-color: rgb(183,  
137, 162) }
```

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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