

Converting Colors

$Yxy(30.6968, 0.3067, 0.2531)$

Have a look what the booklet for
Yxy(30.6968, 0.3067, 0.2531)
contains.

Yxy(30.7569, 0.3070, 0.2537)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(30.7569, 0.3070, 0.2537)

Conversions

Conversions Part 1

Format	Color
Hex	B686BF
RGB	182, 134, 191
RGB Percent	71%, 53%, 75%
CMY	0.2863, 0.4745, 0.2510
CMYK	0.05, 0.30, 0.00, 0.25
HSL	291°, 31%, 64%
HSV	291°, 30%, 75%
XYZ	37.2186, 30.7569, 53.2578
YIQ	154.8500, 10.3110, 27.9030

Conversions

Conversions Part 2

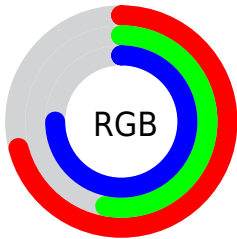
Format	Color
RYB	182, 134, 191
Decimal	11962047
CIELab	62.30, 28.29, -22.58
CIElCh	62, 36.197, 321.409
Yxy	30.7569, 0.3070, 0.2537
Android (android.graphics.Color)	4290152127 (0xFFB686BF)
YUV	154.8500, 17.8220, 23.8106
Hunter-Lab	55.4589, 22.7388, -18.1156

Details

The Yxy color **30.7569, 0.3070, 0.2537** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **44.8173, 0.3158, 0.4131**, and the grayscale version is **32.6256, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.0326, 0.3094, 0.2683**, and **12.7360, 0.3039, 0.2334** is the 20% darker color. If you saturate the color by 10%, you get **25.5836, 0.3042, 0.2282**, and if you desaturate by 10%, it is **36.8941, 0.3093, 0.2796**.

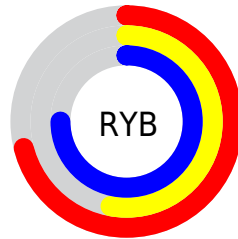
Distribution



Red (71%)

Green (53%)

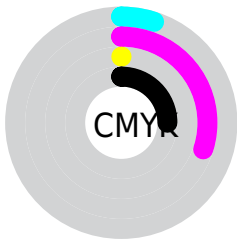
Blue (75%)



Red (71%)

Yellow (53%)

Blue (75%)

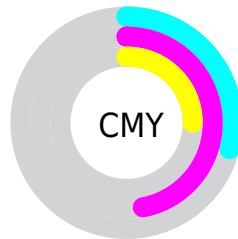


Cyan (5%)

Magenta (30%)

Yellow (0%)

Black (25%)



Cyan (29%)


Magenta (47%)


Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.7569, 0.3070, 0.2537 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 30.7569, 0.3070, 0.2537 by changing the saturation by 10% instead.


 30.7569, 0.3070,
0.2537


 30.7569, 0.3070,
0.2537


305.4168, 0.3109,
0.2916

 20.4138, 0.3057,
0.2442


 60.8571, 0.3087,
0.2675

 12.6962, 0.3038,
0.2321


 81.3831, 0.3092,
0.2727

 7.2197, 0.3009,
0.2160


 106.0720, 0.3096,
0.2770

 3.5999, 0.2961,
0.1939

135.3085, 0.3100,
0.2808

 1.4524, 0.2873,
0.1617

169.4768, 0.3103,
0.2840

 0.2548, 0.2795,
0.0761

208.9614, 0.3105,

 0.0000, 0.0000,

0.2869

0.0000

254.1466, 0.3107,
0.2894

■ 30.7569, 0.3070,
0.2537

■ 30.7569, 0.3070,
0.2537

■ 25.5836, 0.3042,
0.2282

■ 36.8941, 0.3093,
0.2796

■ 21.3189, 0.3010,
0.2040

■ 44.0389, 0.3112,
0.3050

■ 17.9079, 0.2975,
0.1821

■ 52.2368, 0.3127,
0.3294

■ 15.2880, 0.2936,
0.1634

■ 61.5297, 0.3139,
0.3524

■ 13.3882, 0.2895,
0.1489

■ 71.9569, 0.3148,
0.3737

■ 12.1246, 0.2854,
0.1388

■ 83.5560, 0.3154,
0.3933

■ 11.3349, 0.2813,
0.1324

■ 87.9905, 0.3168,
0.3992

■ 11.3229, 0.2812,
0.1323

■ 88.4179, 0.3187,
0.3988

■ 88.8537, 0.3206,
0.3984

Harmonies

Analogous

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



30.7569, 0.2545, 0.2386



30.7569, 0.3070, 0.2537



30.7569, 0.3663, 0.2848

Triad

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



30.7569, 0.3070, 0.2537



30.7569, 0.4104, 0.4117



30.7569, 0.2212, 0.3191

Complementary

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



30.7569, 0.3070, 0.2537



44.8173, 0.3158, 0.4131

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.



30.7569, 0.2570, 0.3785



30.7569, 0.3070, 0.2537



30.7569, 0.3661, 0.4342

Square

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



30.7569, 0.3070, 0.2537



30.7569, 0.4288, 0.3715



30.7569, 0.3097, 0.4238



30.7569, 0.2088, 0.2703

Rectangle

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



30.7569, 0.3070, 0.2537



30.7569, 0.4000, 0.3118



30.7569, 0.3097, 0.4238



30.7569, 0.2307, 0.3387

Sweetspot

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



30.7582, 0.3070, 0.2537



79.8394, 0.3113, 0.3067



28.6268, 0.2624, 0.2578



17.0880, 0.3111, 0.3030



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.



30.7582, 0.3070, 0.2537



48.6688, 0.3052, 0.2364



31.1056, 0.3356, 0.2787



9.6180, 0.3113, 0.3062



7.4712, 0.2818, 0.1326



0.3135, 0.2917, 0.1381

Inverse Universe

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



30.1103, 0.3679, 0.3168



47.3876, 0.3859, 0.3140



44.6253, 0.2955, 0.3854



9.5603, 0.3264, 0.3254



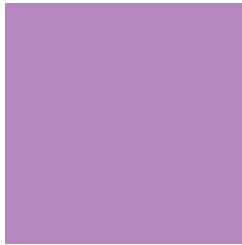
7.3492, 0.6155, 0.3164



0.2957, 0.5570, 0.2842

Previews

White Background



This preview shows how the Yxy color 30.7569, 0.3070, 0.2537 looks on a white background.

Color Contrast Check

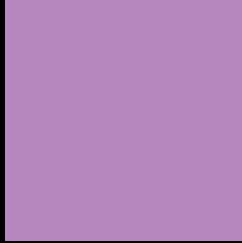
Large Text (above 18pt) WCAG AA × Fail

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 30.7569, 0.3070, 0.2537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

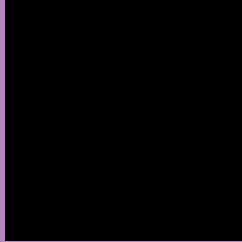
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.7569, 0.3070, 0.2537

Background



This preview shows how black text looks on a background with the Yxy color 30.7569, 0.3070, 0.2537.



This preview shows how white text looks on a background with the Yxy color 30.7569, 0.3070, 0.2537.

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

30.7569, 0.3070, 0.2537

Protanopia

30.9934, 0.2571, 0.2525

Deuteranopia

30.9216, 0.2757, 0.2705



Tritanopia

30.5469, 0.3395, 0.3133

Trichromacy



Original Color

30.7569, 0.3070, 0.2537

Protanomaly

30.7960, 0.2736, 0.2530

Deuteranomaly

30.6900, 0.2864, 0.2639

Tritanomaly

30.3951, 0.3274, 0.2899

Monochromacy



Original Color

30.7569, 0.3070, 0.2537

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

31.6939, 0.3111, 0.2986

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.7569, 0.3070, 0.2537 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(182, 134, 191)` looks like.

```
.text, #text, p{  
    color:rgb(182, 134, 191)  
}
```

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(182, 134, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 134, 191) }
```

Border

The CSS property to change the border of an element to Yxy 30.7569, 0.3070, 0.2537 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(182, 134, 191) }
```

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

```
.border{ border-color:rgb(182, 134, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 134, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 134, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 134, 191);  
box-shadow:4px 4px 4px 4px rgb(182, 134,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 30.7569, 0.3070, 0.2537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 134, 191) }
```

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

```
.background{ background-color: rgb(182,  
134, 191) }
```

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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