

Converting Colors

$Yxy(34.0472, 0.2651, 0.2038)$

Have a look what the booklet for
Yxy(34.0472, 0.2651, 0.2038)
contains.

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Color

Yxy(34.0245, 0.2646, 0.2033)

Conversions

Conversions Part 1

Format	Color
Hex	B688F3
RGB	182, 136, 243
RGB Percent	71%, 53%, 95%
CMY	0.2861, 0.4667, 0.0469
CMYK	0.25, 0.44, 0.00, 0.05
HSL	266°, 82%, 74%
HSV	266°, 44%, 95%
XYZ	44.2837, 34.0245, 89.0528
YIQ	161.9520, -6.9310, 43.0290

Conversions

Conversions Part 2

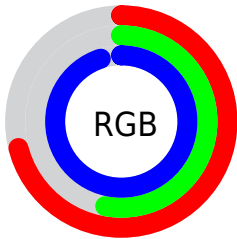
Format	Color
R_{YB}	182, 136, 243
Decimal	11962611
CIE _{Lab}	64.98, 38.56, -47.41
CIE _{LCh}	65, 61.112, 309.120
Yxy	34.0245, 0.2646, 0.2033
Android (android.graphics.Color)	4290152691 (0xFFB688F3)
YUV	161.9520, 39.9567, 17.5821
Hunter-Lab	58.3305, 33.4363, -49.6863

Details

The Yxy color **34.0245, 0.2646, 0.2033** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **77.7644, 0.3452, 0.4510**, and the grayscale version is **35.9212, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.5722, 0.3044, 0.2631**, and **14.4778, 0.2485, 0.1737** is the 20% darker color. If you saturate the color by 10%, you get **26.3364, 0.2503, 0.1729**, and if you desaturate by 10%, it is **43.4337, 0.2779, 0.2342**.

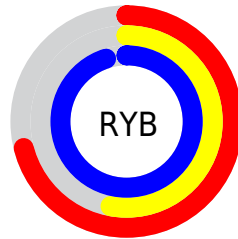
Distribution



Red (71%)

Green (53%)

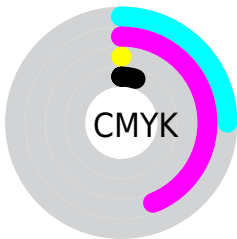
Blue (95%)



Red (71%)

Yellow (53%)

Blue (95%)

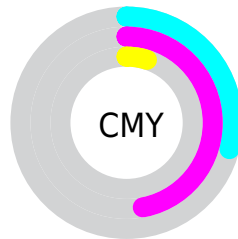


Cyan (25%)

Magenta (44%)

Yellow (0%)

Black (5%)



Cyan (29%)

Magenta (47%)

Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.0245, 0.2646, 0.2033 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 34.0245, 0.2646, 0.2033 by changing the saturation by 10% instead.


 34.0245, 0.2646,
0.2033


 34.0245, 0.2646,
0.2033


320.2413, 0.2906,
0.2624

 22.9124, 0.2577,
0.1899


 65.9718, 0.2744,
0.2238

 14.5289, 0.2488,
0.1736

 87.5757, 0.2780,
0.2318

 8.4894, 0.2369,
0.1535


 113.4458, 0.2810,
0.2387

 4.4097, 0.2204,
0.1282

143.9664, 0.2835,
0.2446

 1.9053, 0.1964,
0.0966

179.5218, 0.2857,
0.2499

 0.5515, 0.1611,
0.0544

220.4965, 0.2876,

 0.0000, 0.0942,

0.2546

0.0000

267.2749, 0.2892,
0.2587

0.0000, 0.0000,
0.0000

34.0245, 0.2646,
0.2033

34.0245, 0.2646,
0.2033

26.3364, 0.2503,
0.1729

43.4337, 0.2779,
0.2342

20.2543, 0.2354,
0.1444

54.6609, 0.2899,
0.2643

15.6549, 0.2206,
0.1197

67.8004, 0.3004,
0.2927

12.3944, 0.2067,
0.1001

82.9385, 0.3094,
0.3190

10.2977, 0.1944,
0.0865

98.5531, 0.3173,
0.3406

■ 9.4502, 0.1878,
0.0808

■ 99.2530, 0.3197,
0.3405

Harmonies

Analogous

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



34.0245, 0.1973, 0.1912



34.0245, 0.2646, 0.2033



34.0245, 0.3583, 0.2393

Triad

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



34.0245, 0.2646, 0.2033



34.0245, 0.4820, 0.4229



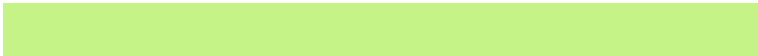
34.0245, 0.1874, 0.3485

Complementary

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



34.0245, 0.2646, 0.2033



77.7644, 0.3452, 0.4510

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.



34.0245, 0.2516, 0.4523



34.0245, 0.2646, 0.2033



34.0245, 0.4214, 0.4824

Square

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



34.0245, 0.2646, 0.2033



34.0245, 0.4964, 0.3564



34.0245, 0.3374, 0.5044



34.0245, 0.1582, 0.2580

Rectangle

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



34.0245, 0.2646, 0.2033



34.0245, 0.4221, 0.2737



34.0245, 0.3374, 0.5044



34.0245, 0.2052, 0.3845

Sweetspot

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



34.0258, 0.2646, 0.2033



77.2351, 0.3014, 0.2955



52.2896, 0.2436, 0.2732



15.7862, 0.2992, 0.2894



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.



34.0258, 0.2646, 0.2033



30.0818, 0.2516, 0.1756



41.5871, 0.3098, 0.2186



16.2753, 0.3047, 0.3050



5.2611, 0.1895, 0.0817



0.5218, 0.2034, 0.0894

Inverse Universe

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



40.6932, 0.3620, 0.2638



38.6812, 0.3771, 0.2515



71.9086, 0.3113, 0.4648



16.6408, 0.3204, 0.3156



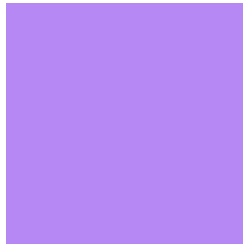
11.4997, 0.4666, 0.2344



1.0313, 0.4433, 0.2216

Previews

White Background



This preview shows how the Yxy color 34.0245, 0.2646, 0.2033 looks on a white background.

Color Contrast Check

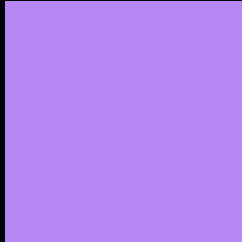
Large Text (above 18pt) WCAG AA × Fail

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 34.0245, 0.2646, 0.2033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

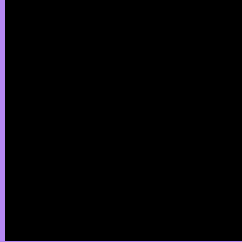
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.0245, 0.2646, 0.2033

Background



This preview shows how black text looks on a background with the Yxy color 34.0245, 0.2646, 0.2033.

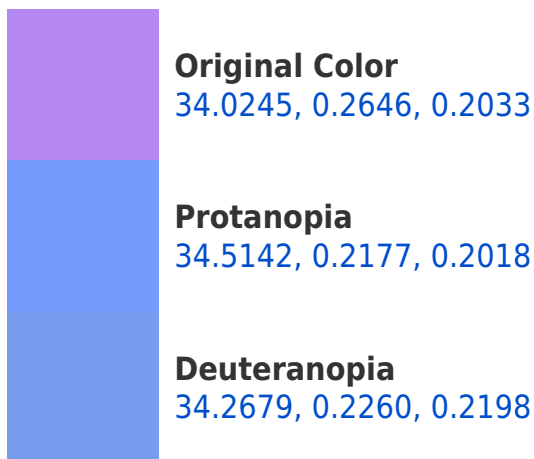


This preview shows how white text looks on a background with the Yxy color 34.0245, 0.2646, 0.2033.

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





Tritanopia

33.8239, 0.3165, 0.3118

Trichromacy



Original Color

34.0245, 0.2646, 0.2033



Protanomaly

33.8076, 0.2313, 0.2006



Deuteranomaly

33.5369, 0.2380, 0.2121



Tritanomaly

33.6019, 0.2963, 0.2670

Monochromacy



Original Color

34.0245, 0.2646, 0.2033



Achromatopsia

36.1307, 0.3127, 0.3290



Achromatomaly

34.9791, 0.2944, 0.2771

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.0245, 0.2646, 0.2033 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, 136, 243)` looks like.

```
.text, #text, p{  
    color:rgb(182, 136, 243)  
}
```

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, 136, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 136, 243) }
```

Border

The CSS property to change the border of an element to Yxy 34.0245, 0.2646, 0.2033 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, 136, 243) }
```

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

```
.border{ border-color:rgb(182, 136, 243) }
```

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

Here you see how a box with a 4 pixel rgb(182, 136, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 136, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 136, 243);  
box-shadow:4px 4px 4px 4px rgb(182, 136,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 34.0245, 0.2646, 0.2033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 136, 243) }
```

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

```
.background{ background-color: rgb(182,  
136, 243) }
```

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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