

Converting Colors

Yxy(34.4566, 0.2741, 0.2139)

Have a look what the booklet for
Yxy(34.4566, 0.2741, 0.2139)
contains.

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Color

Yxy(34.5566, 0.2746, 0.2147)

Conversions

Conversions Part 1

Format	Color
Hex	BA8AEA
RGB	186, 138, 234
RGB Percent	73%, 54%, 92%
CMY	0.2705, 0.4589, 0.0823
CMYK	0.21, 0.41, 0.00, 0.08
HSL	270°, 70%, 73%
HSV	270°, 41%, 92%
XYZ	44.1977, 34.5566, 82.1987
YIQ	163.2960, -2.2080, 40.0320

Conversions

Conversions Part 2

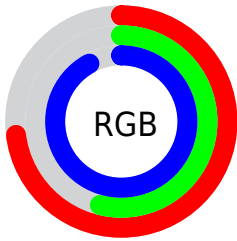
Format	Color
R_{YB}	186, 138, 234
Decimal	12225258
CIE _{Lab}	65.40, 36.50, -41.76
CIE _{LCh}	65, 55.462, 311.152
Yxy	34.5566, 0.2746, 0.2147
Android (android.graphics.Color)	4290415338 (0xFFBA8AEA)
YUV	163.2960, 34.8571, 19.9114
Hunter-Lab	58.7849, 31.3326, -41.7556

Details

The Yxy color **34.5566, 0.2746, 0.2147** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **71.1286, 0.3385, 0.4437**, and the grayscale version is **36.6075, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.1524, 0.3074, 0.2657**, and **14.8560, 0.2615, 0.1867** is the 20% darker color. If you saturate the color by 10%, you get **27.1463, 0.2623, 0.1851**, and if you desaturate by 10%, it is **43.5361, 0.2859, 0.2446**.

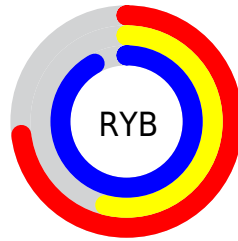
Distribution



Red (73%)

Green (54%)

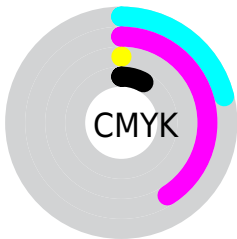
Blue (92%)



Red (73%)

Yellow (54%)

Blue (92%)

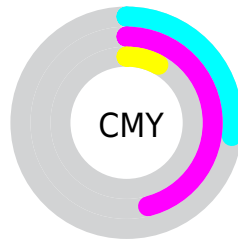


Cyan (21%)

Magenta (41%)

Yellow (0%)

Black (8%)



Cyan (27%)


Magenta (46%)

Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.5566, 0.2746, 0.2147 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 34.5566, 0.2746, 0.2147 by changing the saturation by 10% instead.


 34.5566, 0.2746,
0.2147


 34.5566, 0.2746,
0.2147


322.6068, 0.2955,
0.2690


 23.3215, 0.2690,
0.2022


 66.7983, 0.2825,
0.2337

 14.8311, 0.2616,
0.1868


 88.5737, 0.2854,
0.2410

 8.7009, 0.2516,
0.1675

 114.6313, 0.2878,
0.2474

 4.5466, 0.2374,
0.1429

145.3556, 0.2898,
0.2528

 1.9838, 0.2162,
0.1112

181.1309, 0.2916,
0.2576

 0.5980, 0.1835,
0.0676

222.3416, 0.2931,

 0.0000, 0.1143,

0.2619

0.0000

269.3721, 0.2944,
0.2657

0.0000, 0.0000,
0.0000

34.5566, 0.2746,
0.2147

34.5566, 0.2746,
0.2147

27.1463, 0.2623,
0.1851

43.5361, 0.2859,
0.2446

21.2043, 0.2492,
0.1570

54.1688, 0.2959,
0.2736

16.6242, 0.2358,
0.1322

66.5376, 0.3046,
0.3011

13.2827, 0.2228,
0.1118

80.7184, 0.3120,
0.3265

11.0328, 0.2107,
0.0970

96.7828, 0.3183,
0.3497

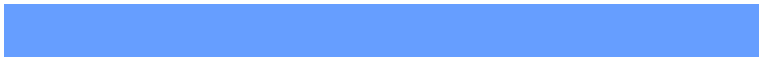
■ 9.7296, 0.2009,
0.0881

■ 98.7218, 0.3250,
0.3493

Harmonies

Analogous

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



34.5566, 0.2102, 0.2020



34.5566, 0.2746, 0.2147



34.5566, 0.3605, 0.2497

Triad

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



34.5566, 0.2746, 0.2147



34.5566, 0.4655, 0.4218



34.5566, 0.1956, 0.3411

Complementary

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



34.5566, 0.2746, 0.2147



71.1286, 0.3385, 0.4437

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.



34.5566, 0.2533, 0.4334



34.5566, 0.2746, 0.2147



34.5566, 0.4093, 0.4726

Square

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



34.5566, 0.2746, 0.2147



34.5566, 0.4803, 0.3606



34.5566, 0.3317, 0.4852



34.5566, 0.1698, 0.2612

Rectangle

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



34.5566, 0.2746, 0.2147



34.5566, 0.4171, 0.2826



34.5566, 0.3317, 0.4852



34.5566, 0.2115, 0.3728

Sweetspot

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



34.5580, 0.2746, 0.2147



79.2211, 0.3037, 0.2984



46.4633, 0.2466, 0.2671



16.5142, 0.3027, 0.2948



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.



34.5580, 0.2746, 0.2147



34.4789, 0.2646, 0.1903



41.6108, 0.3174, 0.2282



14.9191, 0.3058, 0.3052



5.5412, 0.2025, 0.0889



0.4923, 0.2175, 0.0972

Inverse Universe

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



39.2130, 0.3644, 0.2754



41.0659, 0.3797, 0.2652



66.0949, 0.3068, 0.4557



15.1796, 0.3215, 0.3173



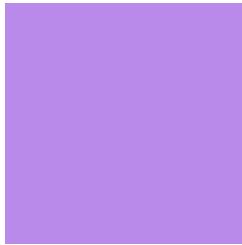
10.5760, 0.4958, 0.2505



0.8499, 0.4650, 0.2335

Previews

White Background



This preview shows how the Yxy color 34.5566, 0.2746, 0.2147 looks on a white background.

Color Contrast Check

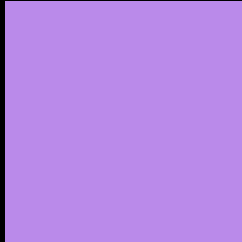
Large Text (above 18pt) WCAG AA × Fail

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 34.5566, 0.2746, 0.2147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

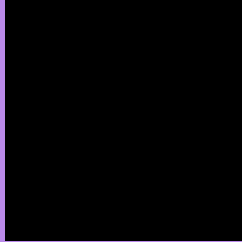
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.5566, 0.2746, 0.2147

Background



This preview shows how black text looks on a background with the Yxy color 34.5566, 0.2746, 0.2147.

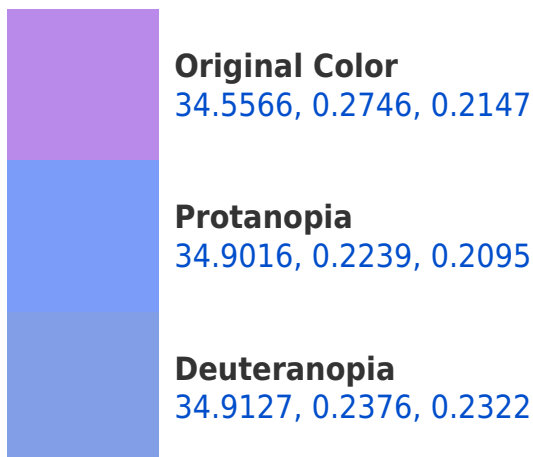


This preview shows how white text looks on a background with the Yxy color 34.5566, 0.2746, 0.2147.

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

34.4977, 0.3225, 0.3122

Trichromacy



Original Color

34.5566, 0.2746, 0.2147

Protanomaly

34.2296, 0.2392, 0.2094

Deuteranomaly

34.3868, 0.2493, 0.2252

Tritanomaly

34.3625, 0.3037, 0.2729

Monochromacy



Original Color

34.5566, 0.2746, 0.2147

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

35.4433, 0.2979, 0.2813

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.5566, 0.2746, 0.2147 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(186, 138, 234)` looks like.

```
.text, #text, p{  
    color:rgb(186, 138, 234)  
}
```

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(186, 138, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 138, 234) }
```

Border

The CSS property to change the border of an element to Yxy 34.5566, 0.2746, 0.2147 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(186, 138, 234) }
```

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

```
.border{ border-color:rgb(186, 138, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 138, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 138, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 138, 234);  
box-shadow:4px 4px 4px 4px rgb(186, 138,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 34.5566, 0.2746, 0.2147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 138, 234) }
```

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

```
.background{ background-color: rgb(186,  
138, 234) }
```

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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