

Converting Colors

$Yxy(34.0472, 0.2765, 0.2458)$

Have a look what the booklet for
Yxy(34.0472, 0.2765, 0.2458)
contains.

Yxy(34.0984, 0.2763, 0.2461)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(34.0984, 0.2763, 0.2461)

Conversions

Conversions Part 1

Format	Color
Hex	A794D3
RGB	167, 148, 211
RGB Percent	65%, 58%, 83%
CMY	0.3451, 0.4196, 0.1727
CMYK	0.21, 0.30, 0.00, 0.17
HSL	258°, 42%, 70%
HSV	258°, 30%, 83%
XYZ	38.2828, 34.0984, 66.1739
YIQ	160.8630, -8.8990, 23.6210

Conversions

Conversions Part 2

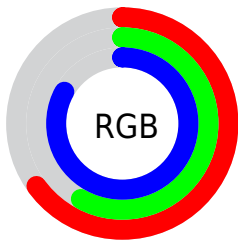
Format	Color
R _Y B	167, 148, 211
Decimal	10982611
CIE Lab	65.04, 19.94, -29.68
CIE LCh	65, 35.761, 303.891
Yxy	34.0984, 0.2763, 0.2461
Android (android.graphics.Color)	4289172691 (0xFFA794D3)
YUV	160.8630, 24.7175, 5.3821
Hunter-Lab	58.3938, 14.8347, -26.3138

Details

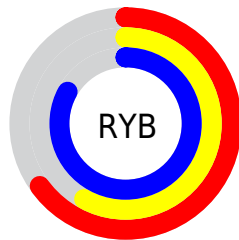
The Yxy color **34.0984, 0.2763, 0.2461** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **59.9157, 0.3421, 0.4070**, and the grayscale version is **35.4610, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.1490, 0.2921, 0.2734**, and **14.5271, 0.2645, 0.2232** is the 20% darker color. If you saturate the color by 10%, you get **26.5593, 0.2609, 0.2143**, and if you desaturate by 10%, it is **43.0292, 0.2901, 0.2763**.

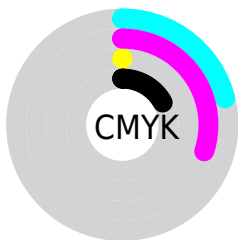
Distribution



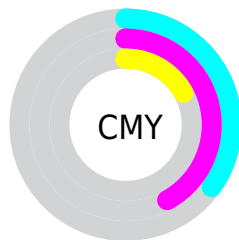
- Red (65%)
- Green (58%)
- Blue (83%)



- Red (65%)
- Yellow (58%)
- Blue (83%)



- Cyan (21%)
- Magenta (30%)
- Yellow (0%)
- Black (17%)





- Cyan (35%)
- Magenta (42%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.0984, 0.2763, 0.2461 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 34.0984, 0.2763, 0.2461 by changing the saturation by 10% instead.

 34.0984, 0.2763,
0.2461


 34.0984, 0.2763,
0.2461


320.5706, 0.2958,
0.2872

 22.9692, 0.2711,
0.2361


 66.0867, 0.2836,
0.2609

 14.5708, 0.2643,
0.2233


 87.7145, 0.2863,
0.2665

 8.5187, 0.2549,
0.2067

113.6107, 0.2885,
0.2713

 4.4286, 0.2414,
0.1844

144.1596, 0.2904,
0.2754

 1.9161, 0.2207,
0.1531

179.7457, 0.2921,
0.2789

 0.5580, 0.1874,
0.1016

220.7533, 0.2935,

 0.0000, 0.0000,

0.2820

0.0000

267.5668, 0.2947,
0.2848

■ 34.0984, 0.2763,
0.2461

■ 34.0984, 0.2763,
0.2461

■ 26.5593, 0.2609,
0.2143

■ 43.0292, 0.2901,
0.2763

■ 20.3360, 0.2443,
0.1820

■ 53.4140, 0.3023,
0.3041

■ 15.3516, 0.2271,
0.1508

■ 65.3161, 0.3129,
0.3294

■ 11.5194, 0.2101,
0.1225

■ 78.7942, 0.3219,
0.3519

■ 8.7410, 0.1943,
0.0990

■ 93.9035, 0.3295,
0.3720

■ 6.9004, 0.1807,
0.0819

■ 97.4818, 0.3388,
0.3721

■ 5.7957, 0.1698,
0.0710

■ 5.7811, 0.1697,
0.0708

Harmonies

Analogous

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



34.0984, 0.2353, 0.2425



34.0984, 0.2763, 0.2461



34.0984, 0.3311, 0.2676

Triad

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



34.0984, 0.2763, 0.2461



34.0984, 0.4201, 0.3873



34.0984, 0.2427, 0.3528

Complementary

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



34.0984, 0.2763, 0.2461



59.9157, 0.3421, 0.4070

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.



34.0984, 0.2878, 0.4044



34.0984, 0.2763, 0.2461



34.0984, 0.3910, 0.4201

Square

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



34.0984, 0.2763, 0.2461



34.0984, 0.4186, 0.3448



34.0984, 0.3422, 0.4294



34.0984, 0.2172, 0.2983

Rectangle

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



34.0984, 0.2763, 0.2461



34.0984, 0.3683, 0.2897



34.0984, 0.3422, 0.4294



34.0984, 0.2559, 0.3716

Sweetspot

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



34.0998, 0.2763, 0.2461



83.3082, 0.3032, 0.3061



48.7338, 0.2672, 0.3040



17.2931, 0.3015, 0.3022



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.



34.0998, 0.2763, 0.2461



44.5501, 0.2664, 0.2254



37.9405, 0.3045, 0.2526



11.5882, 0.3028, 0.3053



3.5370, 0.1710, 0.0716



0.2392, 0.1914, 0.0828

Inverse Universe

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



38.8305, 0.3338, 0.2761



53.0876, 0.3399, 0.2643



56.2490, 0.3178, 0.4133



11.9457, 0.3183, 0.3129



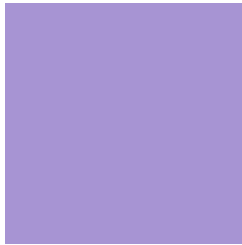
9.6539, 0.4145, 0.2057



0.5535, 0.3933, 0.1940

Previews

White Background



This preview shows how the Yxy color 34.0984, 0.2763, 0.2461 looks on a white background.

Color Contrast Check

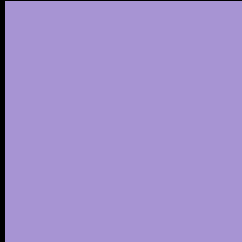
Large Text (above 18pt) WCAG AA × Fail

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 34.0984, 0.2763, 0.2461 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

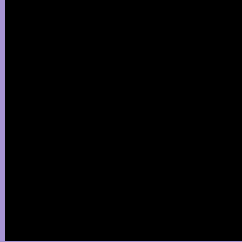
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.0984, 0.2763, 0.2461

Background



This preview shows how black text looks on a background with the Yxy color 34.0984, 0.2763, 0.2461.



This preview shows how white text looks on a background with the Yxy color 34.0984, 0.2763, 0.2461.

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

34.0984, 0.2763, 0.2461

Protanopia

34.3621, 0.2516, 0.2454

Deuteranopia

34.0659, 0.2604, 0.2542



Tritanopia

34.0124, 0.3040, 0.3100

Trichromacy



Original Color

34.0984, 0.2763, 0.2461

Protanomaly

34.1728, 0.2600, 0.2452

Deuteranomaly

33.8819, 0.2657, 0.2501

Tritanomaly

33.9245, 0.2938, 0.2853

Monochromacy



Original Color

34.0984, 0.2763, 0.2461

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

34.8181, 0.2991, 0.2964

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.0984, 0.2763, 0.2461 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(167, 148, 211)` looks like.

```
.text, #text, p{  
    color:rgb(167, 148, 211)  
}
```

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(167, 148, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 148, 211) }
```

Border

The CSS property to change the border of an element to Yxy 34.0984, 0.2763, 0.2461 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(167, 148, 211) }
```

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

```
.border{ border-color:rgb(167, 148, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 148, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 148, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 148, 211);  
box-shadow:4px 4px 4px 4px rgb(167, 148,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 34.0984, 0.2763, 0.2461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 148, 211) }
```

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

```
.background{ background-color: rgb(167,  
148, 211) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor