

Converting Colors

$Y_{xy}(34.3185, 0.2600, 0.2219)$

Have a look what the booklet for
Yxy(34.3185, 0.2600, 0.2219)
contains.

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Color

Yxy(34.3266, 0.2601, 0.2220)

Conversions

Conversions Part 1

Format	Color
Hex	A592E7
RGB	165, 146, 231
RGB Percent	65%, 57%, 91%
CMY	0.3529, 0.4274, 0.0943
CMYK	0.29, 0.37, 0.00, 0.09
HSL	253°, 64%, 74%
HSV	253°, 37%, 91%
XYZ	40.2178, 34.3266, 80.0799
YIQ	161.3710, -15.9610, 30.4630

Conversions

Conversions Part 2

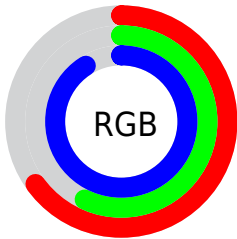
Format	Color
RYB	165, 146, 231
Decimal	10851047
CIELab	65.22, 25.28, -40.49
CIELCh	65, 47.739, 301.979
Yxy	34.3266, 0.2601, 0.2220
Android (android.graphics.Color)	4289041127 (0xFFA592E7)
YUV	161.3710, 34.3271, 3.1826
Hunter-Lab	58.5889, 19.9990, -40.0260

Details

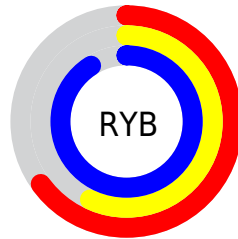
The Yxy color **34.3266, 0.2601, 0.2220** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **73.1969, 0.3536, 0.4251**, and the grayscale version is **35.6665, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.0581, 0.2914, 0.2712**, and **14.6591, 0.2436, 0.1943** is the 20% darker color. If you saturate the color by 10%, you get **26.1220, 0.2421, 0.1886**, and if you desaturate by 10%, it is **44.2416, 0.2767, 0.2543**.

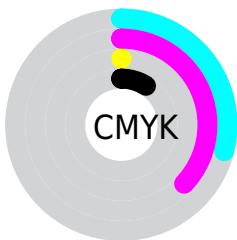
Distribution



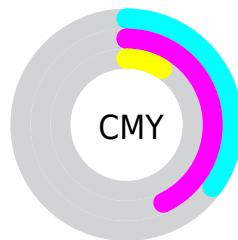
- Red (65%)
- Green (57%)
- Blue (91%)



- Red (65%)
- Yellow (57%)
- Blue (91%)



- Cyan (29%)
- Magenta (37%)
- Yellow (0%)
- Black (9%)





- Cyan (35%)
- Magenta (43%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.3266, 0.2601, 0.2220 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 34.3266, 0.2601, 0.2220 by changing the saturation by 10% instead.


 34.3266, 0.2601,
0.2220

 34.3266, 0.2601,
0.2220


321.5859, 0.2879,
0.2738

 23.1446, 0.2529,
0.2098


 66.4412, 0.2704,
0.2403

 14.7003, 0.2436,
0.1947


 88.1427, 0.2742,
0.2473

 8.6093, 0.2311,
0.1756


114.1194, 0.2774,
0.2533

 4.4873, 0.2137,
0.1509

144.7558, 0.2802,
0.2585

 1.9497, 0.1885,
0.1183

180.4362, 0.2825,
0.2631

 0.5780, 0.1509,
0.0721

221.5451, 0.2845,

 0.0000, 0.0377,

0.2671

0.0000

268.4669, 0.2863,
0.2706

■ 0.0000, 0.0000,
0.0000

■ 34.3266, 0.2601,
0.2220

■ 34.3266, 0.2601,
0.2220

■ 26.1220, 0.2421,
0.1886

■ 44.2416, 0.2767,
0.2543

■ 19.5256, 0.2235,
0.1557

■ 55.9535, 0.2917,
0.2845

■ 14.4303, 0.2052,
0.1253

■ 69.5474, 0.3048,
0.3120

■ 10.7137, 0.1884,
0.0996

■ 85.1019, 0.3162,
0.3366

■ 8.2339, 0.1743,
0.0805

■ 98.4823, 0.3266,
0.3523

■ 6.8119, 0.1637,
0.0688

■ 98.5475, 0.3268,
0.3523

■ 6.4893, 0.1609,
0.0660

Harmonies

Analogous

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



34.3266, 0.2101, 0.2180



34.3266, 0.2601, 0.2220



34.3266, 0.3311, 0.2477

Triad

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



34.3266, 0.2601, 0.2220



34.3266, 0.4549, 0.3973



34.3266, 0.2235, 0.3649

Complementary

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



34.3266, 0.2601, 0.2220



73.1969, 0.3536, 0.4251

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.



34.3266, 0.2823, 0.4363



34.3266, 0.2601, 0.2220



34.3266, 0.4167, 0.4446

Square

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



34.3266, 0.2601, 0.2220



34.3266, 0.4522, 0.3426



34.3266, 0.3530, 0.4651



34.3266, 0.1906, 0.2900

Rectangle

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



34.3266, 0.2601, 0.2220



34.3266, 0.3817, 0.2746



34.3266, 0.3530, 0.4651



34.3266, 0.2407, 0.3913

Sweetspot

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



34.3279, 0.2601, 0.2220



79.4927, 0.2994, 0.3006



59.2444, 0.2581, 0.3060



16.5180, 0.2976, 0.2968



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.



34.3279, 0.2601, 0.2220



35.1198, 0.2468, 0.1971



39.5766, 0.2955, 0.2321



14.0419, 0.3015, 0.3049



3.6845, 0.1621, 0.0667



0.3130, 0.1761, 0.0744

Inverse Universe

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



42.2932, 0.3341, 0.2565



46.5520, 0.3398, 0.2422



67.7617, 0.3233, 0.4351



14.5571, 0.3172, 0.3109



11.3753, 0.3869, 0.1905



0.8542, 0.3753, 0.1841

Previews

White Background



This preview shows how the Yxy color 34.3266, 0.2601, 0.2220 looks on a white background.

Color Contrast Check

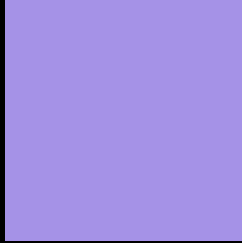
Large Text (above 18pt) WCAG AA × Fail

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 34.3266, 0.2601, 0.2220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

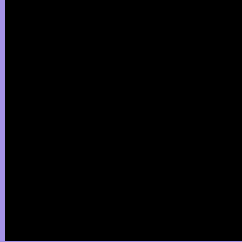
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.3266, 0.2601, 0.2220

Background



This preview shows how black text looks on a background with the Yxy color 34.3266, 0.2601, 0.2220.



This preview shows how white text looks on a background with the Yxy color 34.3266, 0.2601, 0.2220.

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

34.3266, 0.2601, 0.2220

Protanopia

34.6761, 0.2317, 0.2200

Deuteranopia

34.5169, 0.2379, 0.2319



Tritanopia

34.1663, 0.2967, 0.3098

Trichromacy



Original Color

34.3266, 0.2601, 0.2220

Protanomaly

34.2634, 0.2409, 0.2199

Deuteranomaly

34.3353, 0.2452, 0.2276

Tritanomaly

34.1296, 0.2820, 0.2743

Monochromacy



Original Color

34.3266, 0.2601, 0.2220

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

35.0035, 0.2923, 0.2869

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.3266, 0.2601, 0.2220 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(165, 146, 231)` looks like.

```
.text, #text, p{  
    color:rgb(165, 146, 231)  
}
```

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(165, 146, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 146, 231) }
```

Border

The CSS property to change the border of an element to Yxy 34.3266, 0.2601, 0.2220 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(165, 146, 231) }
```

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

```
.border{ border-color:rgb(165, 146, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 146, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 146, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 146, 231);  
box-shadow:4px 4px 4px 4px rgb(165, 146,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 34.3266, 0.2601, 0.2220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 146, 231) }
```

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

```
.background{ background-color: rgb(165,  
146, 231) }
```

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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