

Converting Colors

$Y_{xy}(34.9858, 0.2524, 0.2103)$

Have a look what the booklet for
Yxy(34.9858, 0.2524, 0.2103)
contains.

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Color

Yxy(35.0282, 0.2523, 0.2106)

Conversions

Conversions Part 1

Format	Color
Hex	A592F3
RGB	165, 146, 243
RGB Percent	65%, 57%, 95%
CMY	0.3531, 0.4274, 0.0471
CMYK	0.32, 0.40, 0.00, 0.05
HSL	252°, 80%, 76%
HSV	252°, 40%, 95%
XYZ	41.9640, 35.0282, 89.3336
YIQ	162.7390, -19.8130, 34.1950

Conversions

Conversions Part 2

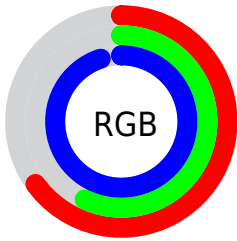
Format	Color
R _Y B	165, 146, 243
Decimal	10851059
CIE Lab	65.77, 28.27, -46.25
CIE LCh	66, 54.204, 301.435
Yxy	35.0282, 0.2523, 0.2106
Android (android.graphics.Color)	4289041139 (0xFFA592F3)
YUV	162.7390, 39.5687, 1.9829
Hunter-Lab	59.1846, 22.9897, -48.0634

Details

The Yxy color **35.0282, 0.2523, 0.2106** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **82.0274, 0.3589, 0.4329**, and the grayscale version is **36.3122, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.0581, 0.2914, 0.2712**, and **15.0446, 0.2342, 0.1818** is the 20% darker color. If you saturate the color by 10%, you get **26.3777, 0.2335, 0.1767**, and if you desaturate by 10%, it is **45.5940, 0.2700, 0.2438**.

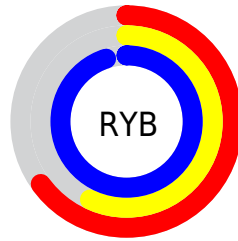
Distribution



Red (65%)

Green (57%)

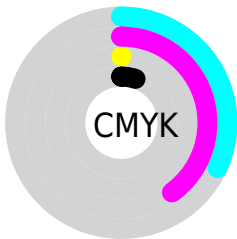
Blue (95%)



Red (65%)

Yellow (57%)

Blue (95%)

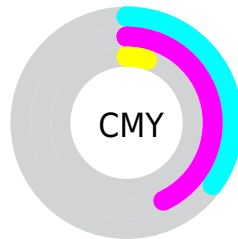


Cyan (32%)

Magenta (40%)

Yellow (0%)

Black (5%)



Cyan (35%)


Magenta (43%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.0282, 0.2523, 0.2106 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 35.0282, 0.2523, 0.2106 by changing the saturation by 10% instead.


 35.0282, 0.2523,
0.2106


 35.0282, 0.2523,
0.2106


324.6928, 0.2839,
0.2669

 23.6846, 0.2443,
0.1977


 67.5295, 0.2639,
0.2303

 15.0998, 0.2340,
0.1819


 89.4559, 0.2683,
0.2379

 8.8895, 0.2204,
0.1621


115.6787, 0.2719,
0.2444

 4.6692, 0.2018,
0.1371

146.5824, 0.2750,
0.2501

 2.0545, 0.1757,
0.1053

182.5512, 0.2777,
0.2551

 0.6388, 0.1381,
0.0637

223.9696, 0.2800,


 0.0000, 0.0576,


0.2595

0.0000


271.2220, 0.2821,
0.2634


 0.0000, 0.0000,
0.0000

 35.0282, 0.2523,
0.2106


 35.0282, 0.2523,
0.2106


 26.3777, 0.2335,
0.1767

 45.5940, 0.2700,
0.2438


 19.5221, 0.2144,
0.1440


 58.1773, 0.2861,
0.2750


 14.3338, 0.1961,
0.1145

 72.8782, 0.3004,
0.3036

 10.6658, 0.1801,
0.0907

 89.7885, 0.3128,
0.3292

 8.3451, 0.1673,
0.0741

 99.2504, 0.3197,
0.3405

■ 7.0945, 0.1584,
0.0647

■ 7.0850, 0.1583,
0.0646

Harmonies

Analogous

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



35.0282, 0.1982, 0.2062



35.0282, 0.2523, 0.2106



35.0282, 0.3312, 0.2383

Triad

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



35.0282, 0.2523, 0.2106



35.0282, 0.4718, 0.4012



35.0282, 0.2136, 0.3708

Complementary

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



35.0282, 0.2523, 0.2106



82.0274, 0.3589, 0.4329

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.



35.0282, 0.2787, 0.4531



35.0282, 0.2523, 0.2106



35.0282, 0.4283, 0.4559

Square

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



35.0282, 0.2523, 0.2106



35.0282, 0.4692, 0.3410



35.0282, 0.3573, 0.4831



35.0282, 0.1777, 0.2851

Rectangle

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



35.0282, 0.2523, 0.2106



35.0282, 0.3886, 0.2674



35.0282, 0.3573, 0.4831



35.0282, 0.2325, 0.4013

Sweetspot

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



35.0295, 0.2523, 0.2106



77.6313, 0.2975, 0.2978



66.5484, 0.2544, 0.3077



16.1415, 0.2957, 0.2941



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.



35.0295, 0.2523, 0.2106



31.0028, 0.2369, 0.1827



41.0746, 0.2908, 0.2224



16.0824, 0.3010, 0.3047



3.9327, 0.1594, 0.0652



0.3864, 0.1703, 0.0712

Inverse Universe

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



45.0029, 0.3340, 0.2476



43.7014, 0.3397, 0.2319



75.4856, 0.3260, 0.4449



16.7096, 0.3168, 0.3102



12.6539, 0.3775, 0.1853



1.1260, 0.3690, 0.1807

Previews

White Background



This preview shows how the Yxy color 35.0282, 0.2523, 0.2106 looks on a white background.

Color Contrast Check

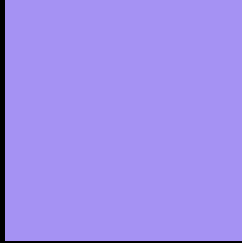
Large Text (above 18pt) WCAG AA × Fail

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 35.0282, 0.2523, 0.2106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

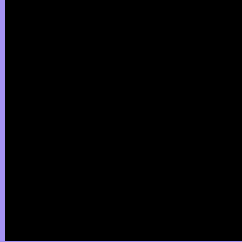
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.0282, 0.2523, 0.2106

Background



This preview shows how black text looks on a background with the Yxy color 35.0282, 0.2523, 0.2106.



This preview shows how white text looks on a background with the Yxy color 35.0282, 0.2523, 0.2106.

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

35.0282, 0.2523, 0.2106

Protanopia

35.4273, 0.2228, 0.2080

Deuteranopia

35.2251, 0.2278, 0.2219



Tritanopia

35.1250, 0.2924, 0.3099

Trichromacy



Original Color

35.0282, 0.2523, 0.2106

Protanomaly

35.1110, 0.2322, 0.2083

Deuteranomaly

34.8653, 0.2359, 0.2169

Tritanomaly

34.9684, 0.2767, 0.2695

Monochromacy



Original Color

35.0282, 0.2523, 0.2106

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

35.8122, 0.2892, 0.2808

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.0282, 0.2523, 0.2106 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, 243)` looks like.

```
.text, #text, p{  
    color:rgb(165, 146, 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(165, 146, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 146, 243) }
```

Border

The CSS property to change the border of an element to Yxy 35.0282, 0.2523, 0.2106 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, 243) }
```

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

```
.border{ border-color:rgb(165, 146, 243) }
```

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, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 146, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 146, 243);  
box-shadow:4px 4px 4px 4px rgb(165, 146,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 35.0282, 0.2523, 0.2106 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, 243) }
```

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

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