

Converting Colors

$Yxy(42.5434, 0.2431, 0.2017)$

Have a look what the booklet for
Yxy(42.5434, 0.2431, 0.2017)
contains.

Yxy(41.3603, 0.2537, 0.2183)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(41.3603, 0.2537, 0.2183)

Conversions

Conversions Part 1

Format	Color
Hex	AEA0FF
RGB	174, 160, 255
RGB Percent	68%, 63%, 100%
CMY	0.3178, 0.3725, 0.0001
CMYK	0.32, 0.37, 0.00, 0.00
HSL	249°, 100%, 81%
HSV	249°, 37%, 100%
XYZ	48.0674, 41.3603, 100.0377
YIQ	175.0160, -22.1510, 32.5130

Conversions

Conversions Part 2

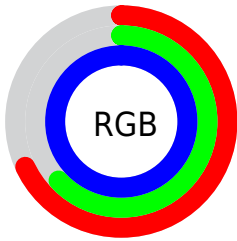
Format	Color
R_{YB}	174, 160, 255
Decimal	11444479
CIE _{Lab}	70.43, 25.83, -45.42
CIE _{LCh}	70, 52.247, 299.624
Yxy	41.3603, 0.2537, 0.2183
Android (android.graphics.Color)	4289634559 (0xFFAEA0FF)
YUV	175.0160, 39.4321, -0.8910
Hunter-Lab	64.3120, 20.8666, -47.2076

Details

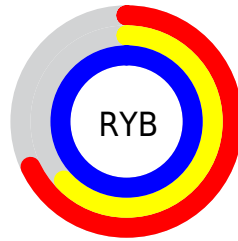
The Yxy color **41.3603, 0.2537, 0.2183** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **92.7502, 0.3593, 0.4251**, and the grayscale version is **42.6784, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.8098, 0.2979, 0.2880**, and **18.7243, 0.2371, 0.1916** is the 20% darker color. If you saturate the color by 10%, you get **31.1095, 0.2342, 0.1838**, and if you desaturate by 10%, it is **53.8315, 0.2720, 0.2516**.

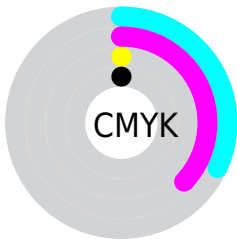
Distribution



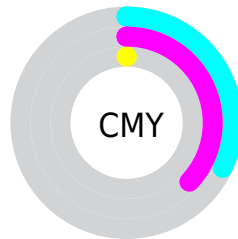
- Red (68%)
- Green (63%)
- Blue (100%)



- Red (68%)
- Yellow (63%)
- Blue (100%)



- Cyan (32%)
- Magenta (37%)
- Yellow (0%)
- Black (0%)




- Cyan (32%)
- Magenta (37%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.3603, 0.2537, 0.2183 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 41.3603, 0.2537, 0.2183 by changing the saturation by 10% instead.

 41.3603, 0.2537,
0.2183


 41.3603, 0.2537,
0.2183


351.8242, 0.2837,
0.2700

 28.6007, 0.2463,
0.2066


 77.2305, 0.2646,
0.2362

 18.7790, 0.2370,
0.1924


 101.1100, 0.2687,
0.2432

 11.5107, 0.2248,
0.1747


129.4649, 0.2721,
0.2492

 6.4114, 0.2085,
0.1524

162.6795, 0.2751,
0.2544

 3.0968, 0.1859,
0.1239

201.1384, 0.2777,
0.2590

 1.1825, 0.1536,
0.0875

245.2259, 0.2799,

 0.0473, 0.1093,

0.2631

0.0077

295.3264, 0.2819,
0.2667

■ 0.0000, 0.0000,
0.0000

■ 41.3603, 0.2537,
0.2183

■ 41.3603, 0.2537,
0.2183

■ 31.1095, 0.2342,
0.1838

■ 53.8315, 0.2720,
0.2516

■ 22.9435, 0.2143,
0.1499

■ 68.6388, 0.2886,
0.2826

■ 16.7188, 0.1953,
0.1190

■ 85.8950, 0.3033,
0.3106

■ 12.2717, 0.1786,
0.0933

99.9985, 0.3127,
0.3290

■ 9.4112, 0.1655,
0.0750

■ 7.8947, 0.1567,
0.0646

■ 7.6203, 0.1549,
0.0627

Harmonies

Analogous

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



41.3603, 0.2047, 0.2160



41.3603, 0.2537, 0.2183



41.3603, 0.3253, 0.2430

Triad

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



41.3603, 0.2537, 0.2183



41.3603, 0.4602, 0.3942



41.3603, 0.2249, 0.3724

Complementary

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



41.3603, 0.2537, 0.2183



92.7502, 0.3593, 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.



41.3603, 0.2867, 0.4441



41.3603, 0.2537, 0.2183



41.3603, 0.4234, 0.4442

Square

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



41.3603, 0.2537, 0.2183



41.3603, 0.4539, 0.3381



41.3603, 0.3594, 0.4690



41.3603, 0.1891, 0.2939

Rectangle

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



41.3603, 0.2537, 0.2183



41.3603, 0.3776, 0.2696



41.3603, 0.3594, 0.4690



41.3603, 0.2431, 0.3993

Sweetspot

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



41.3619, 0.2537, 0.2183



79.1314, 0.2980, 0.3005



78.3868, 0.2585, 0.3147



16.4325, 0.2960, 0.2967



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.



41.3619, 0.2537, 0.2183



33.2280, 0.2386, 0.1916



47.6075, 0.2888, 0.2284



17.5057, 0.3001, 0.3046



4.0208, 0.1558, 0.0632



0.4278, 0.1643, 0.0678

Inverse Universe

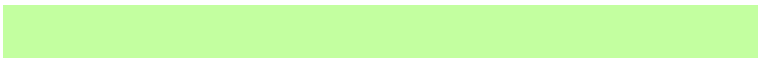
The Inverse Universe completely reimagines the original color for something new.



52.7567, 0.3284, 0.2486



46.2709, 0.3325, 0.2327



85.6247, 0.3284, 0.4356



18.2518, 0.3161, 0.3090



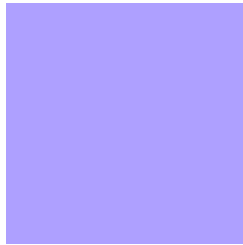
13.7588, 0.3620, 0.1768



1.3516, 0.3566, 0.1738

Previews

White Background



This preview shows how the Yxy color 41.3603, 0.2537, 0.2183 looks on a white background.

Color Contrast Check

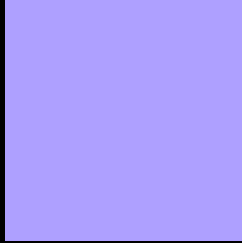
Large Text (above 18pt) WCAG AA × Fail

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 41.3603, 0.2537, 0.2183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

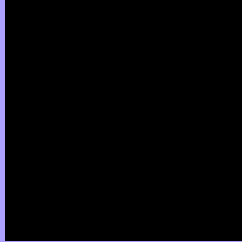
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.3603, 0.2537, 0.2183

Background



This preview shows how black text looks on a background with the Yxy color 41.3603, 0.2537, 0.2183.



This preview shows how white text looks on a background with the Yxy color 41.3603, 0.2537, 0.2183.

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

41.3603, 0.2537, 0.2183

Protanopia

41.4356, 0.2351, 0.2236

Deuteranopia

41.6209, 0.2336, 0.2273



Tritanopia

41.3765, 0.2897, 0.3097

Trichromacy



Original Color

41.3603, 0.2537, 0.2183

Protanomaly

41.3625, 0.2412, 0.2217

Deuteranomaly

41.3725, 0.2401, 0.2233

Tritanomaly

41.1287, 0.2759, 0.2728

Monochromacy



Original Color

41.3603, 0.2537, 0.2183

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.2230, 0.2899, 0.2849

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.3603, 0.2537, 0.2183 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(174, 160, 255)` looks like.

```
.text, #text, p{  
    color:rgb(174, 160, 255)  
}
```

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(174, 160, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 160, 255) }
```

Border

The CSS property to change the border of an element to Yxy 41.3603, 0.2537, 0.2183 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(174, 160, 255) }
```

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

```
.border{ border-color:rgb(174, 160, 255) }
```

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

Here you see how a box with a 4 pixel rgb(174, 160, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 160, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 160, 255);  
box-shadow:4px 4px 4px 4px rgb(174, 160,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 41.3603, 0.2537, 0.2183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 160, 255) }
```

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

```
.background{ background-color: rgb(174,  
160, 255) }
```

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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