

Converting Colors

$Y_{xy}(25.9793, 0.2437, 0.1726)$

Have a look what the booklet for
Yxy(25.9793, 0.2437, 0.1726)
contains.

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Color

Yxy(25.9793, 0.2437, 0.1726)

Conversions

Conversions Part 1

Format	Color
Hex	A072F3
RGB	160, 114, 243
RGB Percent	63%, 45%, 95%
CMY	0.3728, 0.5528, 0.0471
CMYK	0.34, 0.53, 0.00, 0.05
HSL	261°, 84%, 70%
HSV	261°, 53%, 95%
XYZ	36.6811, 25.9793, 87.8570
YIQ	142.4600, -13.9930, 49.8710

Conversions

Conversions Part 2

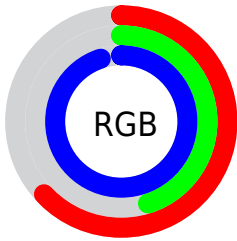
Format	Color
R_{YB}	160, 114, 243
Decimal	10515187
CIE _{Lab}	58.02, 44.99, -58.58
CIE _{LCh}	58, 73.862, 307.525
Yxy	25.9793, 0.2437, 0.1726
Android (android.graphics.Color)	4288705267 (0xFFFA072F3)
YUV	142.4600, 49.5662, 15.3826
Hunter-Lab	50.9699, 39.2623, -66.5195

Details

The Yxy color **25.9793, 0.2437, 0.1726** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **77.1825, 0.3564, 0.4733**, and the grayscale version is **27.0464, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.7629, 0.2873, 0.2352**, and **10.0955, 0.2203, 0.1366** is the 20% darker color. If you saturate the color by 10%, you get **19.6941, 0.2273, 0.1427**, and if you desaturate by 10%, it is **33.9249, 0.2596, 0.2042**.

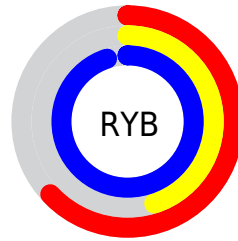
Distribution



Red (63%)

Green (45%)

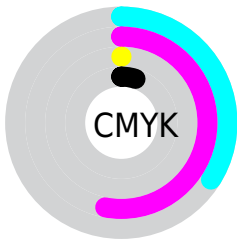
Blue (95%)



Red (63%)

Yellow (45%)

Blue (95%)

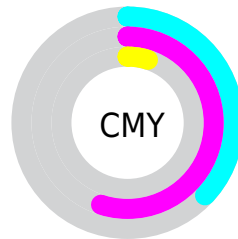


Cyan (34%)

Magenta (53%)

Yellow (0%)

Black (5%)



Cyan (37%)


Magenta (55%)

Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.9793, 0.2437, 0.1726 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 25.9793, 0.2437, 0.1726 by changing the saturation by 10% instead.

 25.9793, 0.2437,
0.1726


 25.9793, 0.2437,
0.1726


282.6804, 0.2818,
0.2464


 16.8082, 0.2336,
0.1562


 53.2416, 0.2581,
0.1980

 10.0978, 0.2206,
0.1366


 72.1014, 0.2633,
0.2080

 5.4639, 0.2032,
0.1129


 94.9597, 0.2677,
0.2166

 2.5219, 0.1795,
0.0846

 122.2007, 0.2714,
0.2241

 0.8876, 0.1467,
0.0523

154.2089, 0.2746,
0.2307

 0.0000, 0.1035,
0.0000

191.3687, 0.2773,

 0.0000, 0.0000,

0.2365

0.0000

234.0644, 0.2797,
0.2417

■ 25.9793, 0.2437,
0.1726

■ 25.9793, 0.2437,
0.1726

■ 19.6941, 0.2273,
0.1427

■ 33.9249, 0.2596,
0.2042

■ 14.9411, 0.2112,
0.1165

■ 43.6402, 0.2745,
0.2360

■ 11.5767, 0.1964,
0.0956

■ 55.2285, 0.2879,
0.2666

■ 9.4272, 0.1836,
0.0811

■ 68.7839, 0.2997,
0.2952

■ 8.4728, 0.1761,
0.0744

■ 84.3942, 0.3099,
0.3215

99.0272, 0.3190,
0.3406

99.2497, 0.3197,
0.3405

Harmonies

Analogous

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



25.9793, 0.1654, 0.1591



25.9793, 0.2437, 0.1726



25.9793, 0.3630, 0.2135

Triad

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



25.9793, 0.2437, 0.1726



25.9793, 0.5249, 0.4282



25.9793, 0.1558, 0.3584

Complementary

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



25.9793, 0.2437, 0.1726



77.1825, 0.3564, 0.4733

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.



25.9793, 0.2336, 0.5061



25.9793, 0.2437, 0.1726



25.9793, 0.4442, 0.5126

Square

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



25.9793, 0.2437, 0.1726



25.9793, 0.5488, 0.3482



25.9793, 0.3394, 0.5634



25.9793, 0.1228, 0.2375

Rectangle

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



25.9793, 0.2437, 0.1726



25.9793, 0.4496, 0.2534



25.9793, 0.3394, 0.5634



25.9793, 0.1769, 0.4097

Sweetspot

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



25.9802, 0.2437, 0.1726



72.0277, 0.2963, 0.2870



50.3679, 0.2328, 0.2710



14.7389, 0.2939, 0.2811



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.



25.9802, 0.2437, 0.1726



21.3153, 0.2255, 0.1396



34.3013, 0.3006, 0.1952



16.2138, 0.3035, 0.3049



4.7197, 0.1777, 0.0752



0.4703, 0.1914, 0.0828

Inverse Universe

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



35.1272, 0.3659, 0.2422



32.9058, 0.3821, 0.2282



70.3207, 0.3150, 0.4943



16.6623, 0.3193, 0.3139



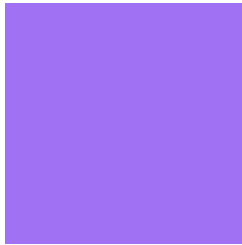
11.8107, 0.4364, 0.2178



1.0576, 0.4181, 0.2077

Previews

White Background



This preview shows how the Yxy color 25.9793, 0.2437, 0.1726 looks on a white background.

Color Contrast Check

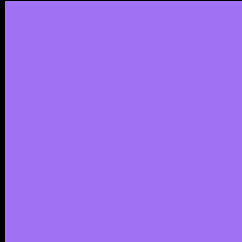
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9793, 0.2437, 0.1726 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

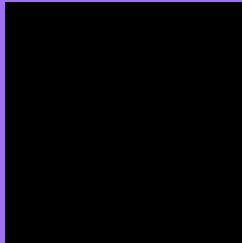
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.9793, 0.2437, 0.1726

Background



This preview shows how black text looks on a background with the Yxy color 25.9793, 0.2437, 0.1726.



This preview shows how white text looks on a background with the Yxy color 25.9793, 0.2437, 0.1726.

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

25.9793, 0.2437, 0.1726

Protanopia

26.4906, 0.1944, 0.1712

Deuteranopia

26.3931, 0.1980, 0.1921



Tritanopia

26.0096, 0.3049, 0.3111

Trichromacy



Original Color

25.9793, 0.2437, 0.1726



Protanomaly

25.5915, 0.2068, 0.1690



Deuteranomaly

25.2313, 0.2086, 0.1811



Tritanomaly

25.4153, 0.2799, 0.2486

Monochromacy



Original Color

25.9793, 0.2437, 0.1726



Achromatopsia

27.0498, 0.3127, 0.3290



Achromatomaly

26.1468, 0.2847, 0.2586

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9793, 0.2437, 0.1726 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(160, 114, 243)` looks like.

```
.text, #text, p{  
    color:rgb(160, 114, 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(160, 114, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 114, 243) }
```

Border

The CSS property to change the border of an element to Yxy 25.9793, 0.2437, 0.1726 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(160, 114, 243) }
```

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

```
.border{ border-color:rgb(160, 114, 243) }
```

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

Here you see how a box with a 4 pixel rgb(160, 114, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 114, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 114, 243);  
box-shadow:4px 4px 4px 4px rgb(160, 114,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9793, 0.2437, 0.1726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 114, 243) }
```

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

```
.background{ background-color: rgb(160,  
114, 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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