

Converting Colors

Yxy(41.8403, 0.2495, 0.2354)

Have a look what the booklet for
Yxy(41.8403, 0.2495, 0.2354)
contains.

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Color

Yxy(41.7050, 0.2496, 0.2353)

Conversions

Conversions Part 1

Format	Color
Hex	9DA8F4
RGB	157, 168, 244
RGB Percent	62%, 66%, 96%
CMY	0.3842, 0.3412, 0.0432
CMYK	0.36, 0.31, 0.00, 0.04
HSL	232°, 80%, 79%
HSV	232°, 36%, 96%
XYZ	44.2396, 41.7050, 91.2973
YIQ	173.3750, -30.9520, 21.3040

Conversions

Conversions Part 2

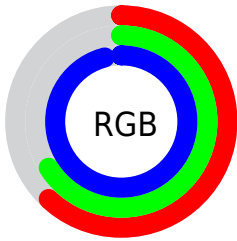
Format	Color
R _Y B	157, 167, 244
Decimal	10332404
CIE Lab	70.67, 13.93, -39.17
CIE LCh	71, 41.570, 289.572
Yxy	41.7050, 0.2496, 0.2353
Android (android.graphics.Color)	4288522484 (0xFF9DA8F4)
YUV	173.3750, 34.8181, -14.3609
Hunter-Lab	64.5794, 9.2659, -38.6139

Details

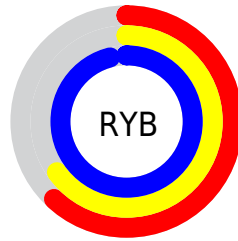
The Yxy color **41.7050, 0.2496, 0.2353** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **79.9608, 0.3701, 0.4079**, and the grayscale version is **41.8246, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.2915, 0.2868, 0.2953**, and **18.9034, 0.2321, 0.2120** is the 20% darker color. If you saturate the color by 10%, you get **32.2539, 0.2292, 0.2035**, and if you desaturate by 10%, it is **52.9402, 0.2692, 0.2652**.

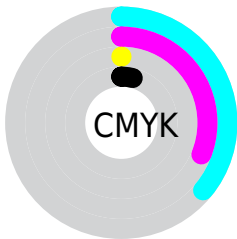
Distribution



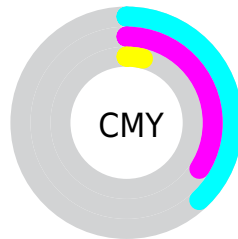
- Red (62%)
- Green (66%)
- Blue (96%)



- Red (62%)
- Yellow (65%)
- Blue (96%)



- Cyan (36%)
- Magenta (31%)
- Yellow (0%)
- Black (4%)



- Cyan (38%)
- Magenta (34%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.7050, 0.2496, 0.2353 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 41.7050, 0.2496, 0.2353 by changing the saturation by 10% instead.

■ 41.7050, 0.2496,
0.2353

■ 41.7050, 0.2496,
0.2353

■ 353.2586, 0.2812,
0.2802

■ 28.8704, 0.2419,
0.2248

■ 77.7530, 0.2610,
0.2511

■ 18.9828, 0.2321,
0.2119

■ 101.7351, 0.2653,
0.2572

■ 11.6578, 0.2194,
0.1955

■ 130.2018, 0.2690,
0.2624

■ 6.5111, 0.2024,
0.1742

■ 163.5376, 0.2721,
0.2669

■ 3.1583, 0.1788,
0.1460

■ 202.1267, 0.2748,
0.2709

■ 1.2149, 0.1447,
0.1081

■ 246.3537, 0.2772,

■ 0.0738, 0.0864,

0.2743

0.0156

296.6028, 0.2793,
0.2774

0.0000, 0.0000,
0.0000

41.7050, 0.2496,
0.2353

41.7050, 0.2496,
0.2353

32.2539, 0.2292,
0.2035

52.9402, 0.2692,
0.2652

24.4900, 0.2090,
0.1711

66.0403, 0.2875,
0.2924

18.3143, 0.1902,
0.1398

81.0867, 0.3041,
0.3166

13.6155, 0.1741,
0.1117

98.1547, 0.3190,
0.3379

10.2672, 0.1619,
0.0889

99.3110, 0.3191,
0.3396

■ 8.1212, 0.1543,
0.0728

■ 7.4983, 0.1522,
0.0679

Harmonies

Analogous

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



41.7050, 0.2158, 0.2413



41.7050, 0.2496, 0.2353



41.7050, 0.3030, 0.2498

Triad

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



41.7050, 0.2496, 0.2353



41.7050, 0.4331, 0.3697



41.7050, 0.2578, 0.3841

Complementary

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



41.7050, 0.2496, 0.2353



79.9608, 0.3701, 0.4079

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.



41.7050, 0.3130, 0.4295



41.7050, 0.2496, 0.2353



41.7050, 0.4159, 0.4121

Square

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



41.7050, 0.2496, 0.2353



41.7050, 0.4143, 0.3232



41.7050, 0.3711, 0.4375



41.7050, 0.2196, 0.3221

Rectangle

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



41.7050, 0.2496, 0.2353



41.7050, 0.3443, 0.2690



41.7050, 0.3711, 0.4375



41.7050, 0.2749, 0.4025

Sweetspot

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



41.7066, 0.2496, 0.2353



80.4072, 0.2954, 0.3039



77.7156, 0.2682, 0.3423



16.7335, 0.2931, 0.3006



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.



41.7066, 0.2496, 0.2353



38.1271, 0.2344, 0.2117



41.4652, 0.2715, 0.2281



16.2632, 0.2979, 0.3076



4.1830, 0.1526, 0.0694



0.4726, 0.1574, 0.0864

Inverse Universe

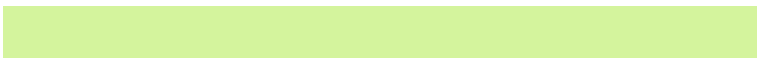
The Inverse Universe completely reimagines the original color for something new.



46.1841, 0.3876, 0.3172



44.1271, 0.4116, 0.3148



81.1436, 0.3438, 0.4251



16.5165, 0.3274, 0.3260



10.5216, 0.6242, 0.3212



0.9353, 0.5968, 0.3061

Previews

White Background



This preview shows how the Yxy color 41.7050, 0.2496, 0.2353 looks on a white background.

Color Contrast Check

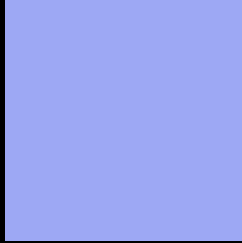
Large Text (above 18pt) WCAG AA × Fail

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 41.7050, 0.2496, 0.2353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

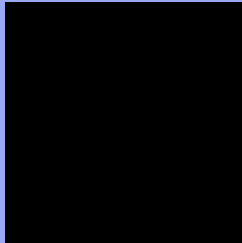
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.7050, 0.2496, 0.2353

Background



This preview shows how black text looks on a background with the Yxy color 41.7050, 0.2496, 0.2353.



This preview shows how white text looks on a background with the Yxy color 41.7050, 0.2496, 0.2353.

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

41.7050, 0.2496, 0.2353

Protanopia

41.7928, 0.2436, 0.2346

Deuteranopia

41.7999, 0.2442, 0.2386



Tritanopia

41.6663, 0.2754, 0.3092

Trichromacy



Original Color

41.7050, 0.2496, 0.2353

Protanomaly

41.6439, 0.2459, 0.2348

Deuteranomaly

41.7998, 0.2465, 0.2379

Tritanomaly

41.3648, 0.2651, 0.2791

Monochromacy



Original Color

41.7050, 0.2496, 0.2353

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.4648, 0.2871, 0.2917

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.7050, 0.2496, 0.2353 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(157, 168, 244)` looks like.

```
.text, #text, p{  
    color:rgb(157, 168, 244)  
}
```

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(157, 168, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 168, 244) }
```

Border

The CSS property to change the border of an element to Yxy 41.7050, 0.2496, 0.2353 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(157, 168, 244) }
```

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

```
.border{ border-color:rgb(157, 168, 244) }
```

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

Here you see how a box with a 4 pixel rgb(157, 168, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 168, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 168, 244);  
box-shadow:4px 4px 4px 4px rgb(157, 168,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 41.7050, 0.2496, 0.2353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 168, 244) }
```

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

```
.background{ background-color: rgb(157,  
168, 244) }
```

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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