

Converting Colors

$Yxy(41.2587, 0.2339, 0.2233)$

Have a look what the booklet for
Yxy(41.2587, 0.2339, 0.2233)
contains.

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Color

Yxy(41.2587, 0.2339, 0.2233)

Conversions

Conversions Part 1

Format	Color
Hex	8DA9FF
RGB	141, 169, 255
RGB Percent	55%, 66%, 100%
CMY	0.4472, 0.3372, 0.0000
CMYK	0.45, 0.34, 0.00, 0.00
HSL	225°, 100%, 78%
HSV	225°, 45%, 100%
XYZ	43.2172, 41.2587, 100.2921
YIQ	170.4320, -44.2940, 20.8100

Conversions

Conversions Part 2

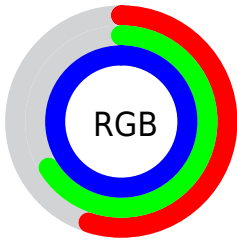
Format	Color
RYB	141, 163, 255
Decimal	9284095
CIELab	70.36, 12.25, -45.70
CIElCh	70, 47.319, 285.010
Yxy	41.2587, 0.2339, 0.2233
Android (android.graphics.Color)	4287474175 (0xFF8DA9FF)
YUV	170.4320, 41.6920, -25.8119
Hunter-Lab	64.2329, 7.6908, -47.6112

Details

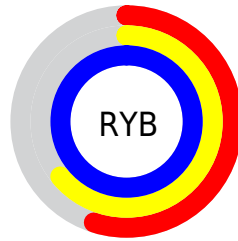
The Yxy color **41.2587, 0.2339, 0.2233** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **78.0938, 0.3910, 0.4154**, and the grayscale version is **40.2276, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.6734, 0.2775, 0.2955**, and **18.6846, 0.2131, 0.1970** is the 20% darker color. If you saturate the color by 10%, you get **32.6403, 0.2150, 0.1946**, and if you desaturate by 10%, it is **51.4466, 0.2530, 0.2508**.

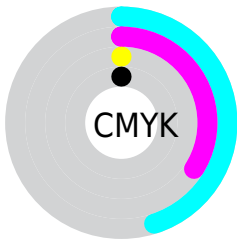
Distribution



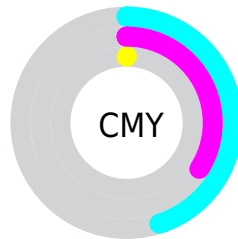
- Red (55%)
- Green (66%)
- Blue (100%)



- Red (55%)
- Yellow (64%)
- Blue (100%)



- Cyan (45%)
- Magenta (34%)
- Yellow (0%)
- Black (0%)




- Cyan (45%)
- Magenta (34%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.2587, 0.2339, 0.2233 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 41.2587, 0.2339, 0.2233 by changing the saturation by 10% instead.


 41.2587, 0.2339,
0.2233


 41.2587, 0.2339,
0.2233


351.4007, 0.2729,
0.2736

 28.5213, 0.2246,
0.2117


 77.0765, 0.2478,
0.2409

 18.7190, 0.2129,
0.1975


 100.9256, 0.2531,
0.2477

 11.4674, 0.1980,
0.1798


129.2474, 0.2576,
0.2535

 6.3821, 0.1785,
0.1571

162.4263, 0.2615,
0.2586

 3.0788, 0.1523,
0.1279

200.8467, 0.2649,
0.2631

 1.1730, 0.1167,
0.0903

244.8930, 0.2679,

 0.0395, 0.0574,

0.2670


0.0067


294.9495, 0.2705,
0.2705


 0.0000, 0.0000,
0.0000

 41.2587, 0.2339,
0.2233


 41.2587, 0.2339,
0.2233


 32.6403, 0.2150,
0.1946


 51.4466, 0.2530,
0.2508


 25.5055, 0.1972,
0.1659


 63.2749, 0.2716,
0.2763

 19.7662, 0.1816,
0.1385

 76.8154, 0.2892,
0.2994

 15.3223, 0.1690,
0.1140

 92.1342, 0.3055,
0.3201

 12.0574, 0.1603,
0.0938

99.9999, 0.3127,
0.3290

■ 10.7438, 0.1570,
0.0851

Harmonies

Analogous

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



41.2587, 0.2004, 0.2331



41.2587, 0.2339, 0.2233



41.2587, 0.2909, 0.2364

Triad

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



41.2587, 0.2339, 0.2233



41.2587, 0.4494, 0.3653



41.2587, 0.2583, 0.4027

Complementary

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



41.2587, 0.2339, 0.2233



78.0938, 0.3910, 0.4154

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.



41.2587, 0.3222, 0.4497



41.2587, 0.2339, 0.2233



41.2587, 0.4346, 0.4150

Square

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



41.2587, 0.2339, 0.2233



41.2587, 0.4222, 0.3138



41.2587, 0.3869, 0.4500



41.2587, 0.2123, 0.3309

Rectangle

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



41.2587, 0.2339, 0.2233



41.2587, 0.3374, 0.2559



41.2587, 0.3869, 0.4500



41.2587, 0.2784, 0.4229

Sweetspot

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



41.2602, 0.2339, 0.2233



79.3214, 0.2921, 0.3032



82.6970, 0.2651, 0.3622



16.2917, 0.2884, 0.2984



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.



41.2602, 0.2339, 0.2233



33.2100, 0.2163, 0.1967



34.7470, 0.2477, 0.1955



18.1033, 0.2979, 0.3105



5.8087, 0.1577, 0.0877



0.7285, 0.1634, 0.1084

Inverse Universe

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



43.1644, 0.4025, 0.2999



36.2924, 0.4325, 0.2949



89.6896, 0.3596, 0.4474



18.0603, 0.3255, 0.3232



11.3144, 0.5948, 0.3050



1.1181, 0.5634, 0.2878

Previews

White Background



This preview shows how the Yxy color 41.2587, 0.2339, 0.2233 looks on a white background.

Color Contrast Check

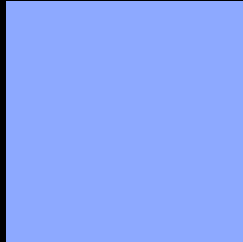
Large Text (above 18pt) WCAG AA × Fail

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 41.2587, 0.2339, 0.2233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

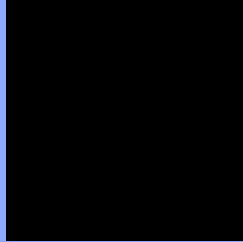
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.2587, 0.2339, 0.2233

Background



This preview shows how black text looks on a background with the Yxy color 41.2587, 0.2339, 0.2233.



This preview shows how white text looks on a background with the Yxy color 41.2587, 0.2339, 0.2233.

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

41.2587, 0.2339, 0.2233

Protanopia

41.3467, 0.2345, 0.2234

Deuteranopia

41.4967, 0.2310, 0.2249



Tritanopia

41.2730, 0.2594, 0.3086

Trichromacy



Original Color

41.2587, 0.2339, 0.2233

Protanomaly

41.3467, 0.2345, 0.2234

Deuteranomaly

41.2878, 0.2318, 0.2240

Tritanomaly

41.1999, 0.2492, 0.2742

Monochromacy



Original Color

41.2587, 0.2339, 0.2233

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

40.3374, 0.2791, 0.2870

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.2587, 0.2339, 0.2233 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(141, 169, 255)` looks like.

```
.text, #text, p{  
    color:rgb(141, 169, 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(141, 169, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 169, 255) }
```

Border

The CSS property to change the border of an element to Yxy 41.2587, 0.2339, 0.2233 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(141, 169, 255) }
```

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

```
.border{ border-color:rgb(141, 169, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 169, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 169, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 169, 255);  
box-shadow:4px 4px 4px 4px rgb(141, 169,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 41.2587, 0.2339, 0.2233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 169, 255) }
```

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

```
.background{ background-color: rgb(141,  
169, 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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