

Converting Colors

$Y_{xy}(40.5112, 0.2373, 0.2197)$

Have a look what the booklet for
Yxy(40.5112, 0.2373, 0.2197)
contains.

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Color

Yxy(40.4262, 0.2373, 0.2194)

Conversions

Conversions Part 1

Format	Color
Hex	94A5FF
RGB	148, 165, 255
RGB Percent	58%, 65%, 100%
CMY	0.4194, 0.3530, 0.0000
CMYK	0.42, 0.35, 0.00, 0.00
HSL	230°, 100%, 79%
HSV	230°, 42%, 100%
XYZ	43.7244, 40.4262, 100.1074
YIQ	170.1770, -39.0220, 24.3860

Conversions

Conversions Part 2

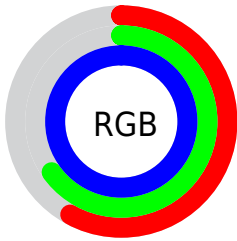
Format	Color
R_{YB}	148, 163, 255
Decimal	9741823
CIE _{Lab}	69.77, 16.27, -46.59
CIE _{LCh}	70, 49.353, 289.253
Yxy	40.4262, 0.2373, 0.2194
Android (android.graphics.Color)	4287931903 (0xFF94A5FF)
YUV	170.1770, 41.8177, -19.4492
Hunter-Lab	63.5816, 11.4848, -48.8432

Details

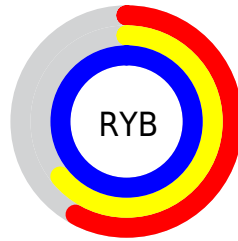
The Yxy color **40.4262, 0.2373, 0.2194** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **84.5848, 0.3820, 0.4186**, and the grayscale version is **40.0982, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.5282, 0.2816, 0.2915**, and **18.1116, 0.2163, 0.1919** is the 20% darker color. If you saturate the color by 10%, you get **31.2021, 0.2172, 0.1880**, and if you desaturate by 10%, it is **51.4757, 0.2572, 0.2495**.

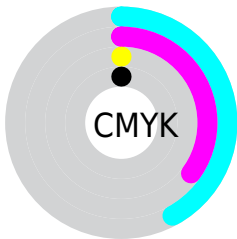
Distribution



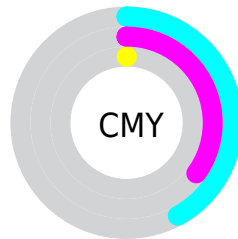
- Red (58%)
- Green (65%)
- Blue (100%)



- Red (58%)
- Yellow (64%)
- Blue (100%)



- Cyan (42%)
- Magenta (35%)
- Yellow (0%)
- Black (0%)



- Cyan (42%)
- Magenta (35%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 40.4262, 0.2373, 0.2194 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 40.4262, 0.2373, 0.2194 by changing the saturation by 10% instead.

■ 40.4262, 0.2373,
0.2194

■ 40.4262, 0.2373,
0.2194

■ 347.9167, 0.2749,
0.2714

■ 27.8710, 0.2282,
0.2075

■ 75.8121, 0.2508,
0.2375

■ 18.2284, 0.2169,
0.1930

■ 99.4116, 0.2559,
0.2445

■ 11.1141, 0.2023,
0.1748

■ 127.4612, 0.2603,
0.2506

■ 6.1436, 0.1831,
0.1518

■ 160.3455, 0.2640,
0.2558

■ 2.9326, 0.1571,
0.1223

■ 198.4488, 0.2673,
0.2604

■ 1.0967, 0.1215,
0.0848

■ 242.1555, 0.2701,

■ 0.0000, 0.0639,

0.2645

0.0000

291.8500, 0.2726,
0.2681

0.0000, 0.0000,
0.0000

40.4262, 0.2373,
0.2194

40.4262, 0.2373,
0.2194

31.2021, 0.2172,
0.1880

51.4757, 0.2572,
0.2495

23.6999, 0.1980,
0.1567

64.4386, 0.2762,
0.2774

17.8116, 0.1810,
0.1274

79.4017, 0.2938,
0.3026

13.4150, 0.1673,
0.1021

96.4454, 0.3098,
0.3250

10.3689, 0.1578,
0.0824

100.0000, 0.3127,
0.3290

■ 8.7638, 0.1532,
0.0713

Harmonies

Analogous

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



40.4262, 0.1989, 0.2257



40.4262, 0.2373, 0.2194



40.4262, 0.2996, 0.2361

Triad

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



40.4262, 0.2373, 0.2194



40.4262, 0.4565, 0.3738



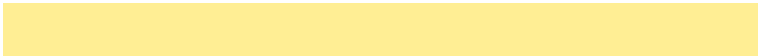
40.4262, 0.2473, 0.3966

Complementary

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



40.4262, 0.2373, 0.2194



84.5848, 0.3820, 0.4186

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.



40.4262, 0.3122, 0.4522



40.4262, 0.2373, 0.2194



40.4262, 0.4347, 0.4248

Square

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



40.4262, 0.2373, 0.2194



40.4262, 0.4343, 0.3201



40.4262, 0.3809, 0.4587



40.4262, 0.2031, 0.3201

Rectangle

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



40.4262, 0.2373, 0.2194



40.4262, 0.3491, 0.2581



40.4262, 0.3809, 0.4587



40.4262, 0.2673, 0.4195

Sweetspot

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



40.4275, 0.2373, 0.2194



77.7189, 0.2920, 0.3001



83.9454, 0.2633, 0.3492



15.9008, 0.2882, 0.2947



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.



40.4275, 0.2373, 0.2194



32.8542, 0.2211, 0.1941



38.5696, 0.2593, 0.2069



17.8422, 0.2979, 0.3084



4.7159, 0.1537, 0.0732



0.5865, 0.1585, 0.0904

Inverse Universe

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



45.1724, 0.4043, 0.3115



38.6966, 0.4323, 0.3086



88.7743, 0.3510, 0.4424



18.0340, 0.3269, 0.3253



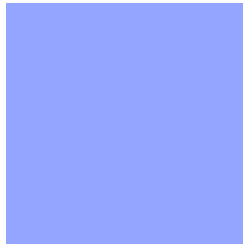
11.2040, 0.6180, 0.3178



1.1038, 0.5905, 0.3027

Previews

White Background



This preview shows how the Yxy color 40.4262, 0.2373, 0.2194 looks on a white background.

Color Contrast Check

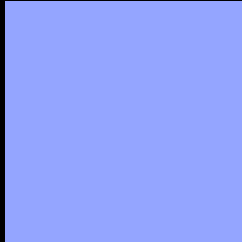
Large Text (above 18pt) WCAG AA × Fail

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 40.4262, 0.2373, 0.2194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

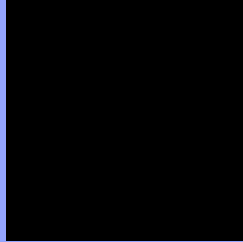
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.4262, 0.2373, 0.2194

Background



This preview shows how black text looks on a background with the Yxy color 40.4262, 0.2373, 0.2194.



This preview shows how white text looks on a background with the Yxy color 40.4262, 0.2373, 0.2194.

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

40.4262, 0.2373, 0.2194

Protanopia

40.4329, 0.2329, 0.2206

Deuteranopia

40.4372, 0.2293, 0.2229



Tritanopia

40.5521, 0.2661, 0.3087

Trichromacy



Original Color

40.4262, 0.2373, 0.2194

Protanomaly

40.3321, 0.2344, 0.2198

Deuteranomaly

40.5643, 0.2324, 0.2225

Tritanomaly

40.1967, 0.2548, 0.2717

Monochromacy



Original Color

40.4262, 0.2373, 0.2194

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.9037, 0.2813, 0.2846

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.4262, 0.2373, 0.2194 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(148, 165, 255)` looks like.

```
.text, #text, p{  
    color:rgb(148, 165, 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(148, 165, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 165, 255) }
```

Border

The CSS property to change the border of an element to Yxy 40.4262, 0.2373, 0.2194 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(148, 165, 255) }
```

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

```
.border{ border-color:rgb(148, 165, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 165, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 165, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 165, 255);  
box-shadow:4px 4px 4px 4px rgb(148, 165,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 40.4262, 0.2373, 0.2194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 165, 255) }
```

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

```
.background{ background-color: rgb(148,  
165, 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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