

Converting Colors

$Yxy(44.4693, 0.2380, 0.2333)$

Have a look what the booklet for
Yxy(44.4693, 0.2380, 0.2333)
contains.

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Color

Yxy(44.2904, 0.2378, 0.2327)

Conversions

Conversions Part 1

Format	Color
Hex	91B0FF
RGB	145, 176, 255
RGB Percent	57%, 69%, 100%
CMY	0.4311, 0.3099, 0.0000
CMYK	0.43, 0.31, 0.00, 0.00
HSL	223°, 100%, 78%
HSV	223°, 43%, 100%
XYZ	45.2611, 44.2904, 100.7811
YIQ	175.7370, -43.8350, 17.9970

Conversions

Conversions Part 2

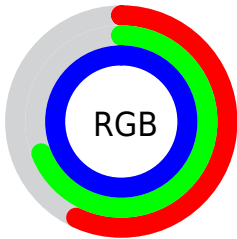
Format	Color
RYB	145, 169, 255
Decimal	9548031
CIELab	72.42, 9.32, -42.46
CIElCh	72, 43.470, 282.380
Yxy	44.2904, 0.2378, 0.2327
Android (android.graphics.Color)	4287738111 (0xFF91B0FF)
YUV	175.7370, 39.0767, -26.9563
Hunter-Lab	66.5510, 4.9328, -43.1997

Details

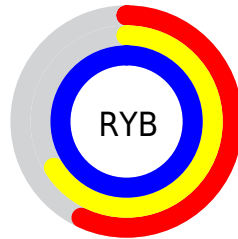
The Yxy color **44.2904, 0.2378, 0.2327** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **76.6560, 0.3896, 0.4090**, and the grayscale version is **43.0876, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.9284, 0.2799, 0.3033**, and **20.5672, 0.2180, 0.2093** is the 20% darker color. If you saturate the color by 10%, you get **35.5202, 0.2192, 0.2054**, and if you desaturate by 10%, it is **54.5523, 0.2565, 0.2586**.

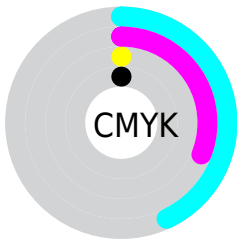
Distribution



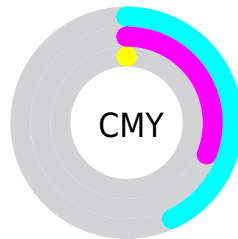
- Red (57%)
- Green (69%)
- Blue (100%)



- Red (57%)
- Yellow (66%)
- Blue (100%)



- Cyan (43%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)



- Cyan (43%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.2904, 0.2378, 0.2327 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 44.2904, 0.2378, 0.2327 by changing the saturation by 10% instead.


 44.2904, 0.2378,
0.2327


 44.2904, 0.2378,
0.2327

363.8920, 0.2745,
0.2785

 30.8989, 0.2291,
0.2221

 81.6545, 0.2508,
0.2487

 20.5219, 0.2182,
0.2091


 106.3960, 0.2558,
0.2549

 12.7749, 0.2043,
0.1928


135.6895, 0.2601,
0.2603

 7.2738, 0.1861,
0.1718

169.9194, 0.2638,
0.2649

 3.6339, 0.1616,
0.1443

209.4703, 0.2670,
0.2689

 1.4710, 0.1278,
0.1079

254.7264, 0.2698,

 0.2681, 0.0764,

0.2725

0.0425

306.0722, 0.2723,
0.2757

0.0000, 0.0000,
0.0000

44.2904, 0.2378,
0.2327

44.2904, 0.2378,
0.2327

35.5202, 0.2192,
0.2054

54.5523, 0.2565,
0.2586

28.1654, 0.2016,
0.1777

66.3718, 0.2747,
0.2825

22.1461, 0.1859,
0.1508

79.8136, 0.2919,
0.3042

17.3724, 0.1730,
0.1259

94.9380, 0.3080,
0.3235

13.7405, 0.1636,
0.1046

100.0000, 0.3127,
0.3290

■ 11.8207, 0.1590,
0.0924

Harmonies

Analogous

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



44.2904, 0.2089, 0.2442



44.2904, 0.2378, 0.2327



44.2904, 0.2882, 0.2428

Triad

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



44.2904, 0.2378, 0.2327



44.2904, 0.4349, 0.3590



44.2904, 0.2688, 0.3994

Complementary

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



44.2904, 0.2378, 0.2327



76.6560, 0.3896, 0.4090

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.



44.2904, 0.3275, 0.4380



44.2904, 0.2378, 0.2327



44.2904, 0.4256, 0.4044

Square

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



44.2904, 0.2378, 0.2327



44.2904, 0.4070, 0.3119



44.2904, 0.3851, 0.4364



44.2904, 0.2247, 0.3369

Rectangle

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



44.2904, 0.2378, 0.2327



44.2904, 0.3296, 0.2598



44.2904, 0.3851, 0.4364



44.2904, 0.2874, 0.4163

Sweetspot

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



44.2912, 0.2378, 0.2327



79.9762, 0.2921, 0.3044



82.9189, 0.2682, 0.3653



16.4517, 0.2884, 0.2998



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.



44.2912, 0.2378, 0.2327



36.4256, 0.2213, 0.2085



35.9109, 0.2479, 0.1999



18.2096, 0.2979, 0.3114



6.3926, 0.1598, 0.0951



0.7978, 0.1658, 0.1167

Inverse Universe

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



44.6632, 0.3936, 0.2969



37.8052, 0.4200, 0.2910



90.5850, 0.3606, 0.4421



18.0711, 0.3250, 0.3223



11.3733, 0.5833, 0.2987



1.1251, 0.5514, 0.2811

Previews

White Background



This preview shows how the Yxy color 44.2904, 0.2378, 0.2327 looks on a white background.

Color Contrast Check

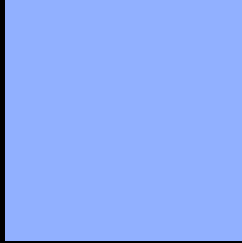
Large Text (above 18pt) WCAG AA × Fail

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 44.2904, 0.2378, 0.2327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

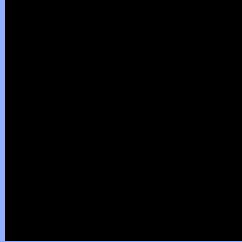
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.2904, 0.2378, 0.2327

Background



This preview shows how black text looks on a background with the Yxy color 44.2904, 0.2378, 0.2327.



This preview shows how white text looks on a background with the Yxy color 44.2904, 0.2378, 0.2327.

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

44.2904, 0.2378, 0.2327

Protanopia

44.1033, 0.2421, 0.2322

Deuteranopia

44.4737, 0.2389, 0.2330



Tritanopia

44.1602, 0.2612, 0.3079

Trichromacy



Original Color

44.2904, 0.2378, 0.2327

Protanomaly

44.2053, 0.2404, 0.2330

Deuteranomaly

44.3817, 0.2384, 0.2329

Tritanomaly

43.9106, 0.2517, 0.2768

Monochromacy



Original Color

44.2904, 0.2378, 0.2327

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.4578, 0.2814, 0.2908

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.2904, 0.2378, 0.2327 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(145, 176, 255)` looks like.

```
.text, #text, p{  
    color:rgb(145, 176, 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(145, 176, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 176, 255) }
```

Border

The CSS property to change the border of an element to Yxy 44.2904, 0.2378, 0.2327 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(145, 176, 255) }
```

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

```
.border{ border-color:rgb(145, 176, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 176, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 176, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 176, 255);  
box-shadow:4px 4px 4px 4px rgb(145, 176,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 44.2904, 0.2378, 0.2327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 176, 255) }
```

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

```
.background{ background-color: rgb(145,  
176, 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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