

Converting Colors

$Y_{xy}(43.2932, 0.2378, 0.2320)$

Have a look what the booklet for
Yxy(43.2932, 0.2378, 0.2320)
contains.

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Color

Yxy(43.2932, 0.2378, 0.2320)

Conversions

Conversions Part 1

Format	Color
Hex	90AEFD
RGB	144, 174, 253
RGB Percent	56%, 68%, 99%
CMY	0.4350, 0.3177, 0.0079
CMYK	0.43, 0.31, 0.00, 0.01
HSL	224°, 96%, 78%
HSV	224°, 43%, 99%
XYZ	44.3755, 43.2932, 98.9399
YIQ	174.0360, -43.2390, 18.2090

Conversions

Conversions Part 2

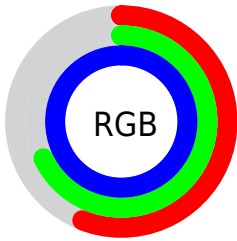
Format	Color
RYB	144, 168, 253
Decimal	9481981
CIELab	71.75, 9.64, -42.42
CIELCh	72, 43.499, 282.802
Yxy	43.2932, 0.2378, 0.2320
Android (android.graphics.Color)	4287672061 (0xFF90AEFD)
YUV	174.0360, 38.9293, -26.3416
Hunter-Lab	65.7976, 5.2391, -43.0962

Details

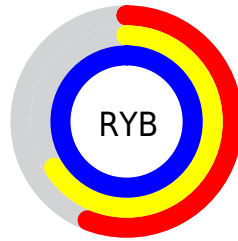
The Yxy color **43.2932, 0.2378, 0.2320** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **75.7166, 0.3891, 0.4095**, and the grayscale version is **42.1674, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.6761, 0.2791, 0.3011**, and **19.9308, 0.2178, 0.2081** is the 20% darker color. If you saturate the color by 10%, you get **34.6525, 0.2192, 0.2045**, and if you desaturate by 10%, it is **53.4163, 0.2566, 0.2581**.

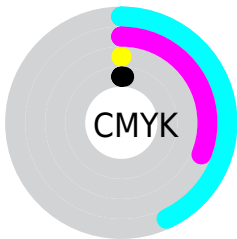
Distribution



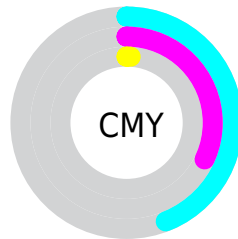
- Red (56%)
- Green (68%)
- Blue (99%)



- Red (56%)
- Yellow (66%)
- Blue (99%)



- Cyan (43%)
- Magenta (31%)
- Yellow (0%)
- Black (1%)





- Cyan (44%)
- Magenta (32%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.2932, 0.2378, 0.2320 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 43.2932, 0.2378, 0.2320 by changing the saturation by 10% instead.


 43.2932, 0.2378,
0.2320


 43.2932, 0.2378,
0.2320


359.8162, 0.2746,
0.2783

 30.1152, 0.2290,
0.2213


 80.1531, 0.2509,
0.2482

 19.9261, 0.2180,
0.2081


 104.6039, 0.2559,
0.2545

 12.3413, 0.2040,
0.1915


133.5810, 0.2602,
0.2599

 6.9766, 0.1855,
0.1701

167.4689, 0.2639,
0.2645

 3.4475, 0.1606,
0.1421

206.6520, 0.2671,
0.2686

 1.3696, 0.1261,
0.1052

251.5146, 0.2699,

 0.1941, 0.0710,

0.2722

0.0328

302.4412, 0.2724,
0.2754

0.0000, 0.0000,
0.0000

43.2932, 0.2378,
0.2320

43.2932, 0.2378,
0.2320

34.6525, 0.2192,
0.2045

53.4163, 0.2566,
0.2581

27.4158, 0.2015,
0.1766

65.0851, 0.2748,
0.2822

21.5044, 0.1857,
0.1495

78.3649, 0.2921,
0.3041

16.8286, 0.1727,
0.1246

93.3156, 0.3081,
0.3235

13.2853, 0.1632,
0.1033

99.8714, 0.3139,
0.3309

■ 11.4067, 0.1586,
0.0910

Harmonies

Analogous

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



43.2932, 0.2084, 0.2432



43.2932, 0.2378, 0.2320



43.2932, 0.2888, 0.2424

Triad

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



43.2932, 0.2378, 0.2320



43.2932, 0.4361, 0.3598



43.2932, 0.2677, 0.3993

Complementary

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



43.2932, 0.2378, 0.2320



75.7166, 0.3891, 0.4095

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.



43.2932, 0.3267, 0.4387



43.2932, 0.2378, 0.2320



43.2932, 0.4260, 0.4055

Square

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



43.2932, 0.2378, 0.2320



43.2932, 0.4084, 0.3124



43.2932, 0.3849, 0.4376



43.2932, 0.2236, 0.3361

Rectangle

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



43.2932, 0.2378, 0.2320



43.2932, 0.3307, 0.2597



43.2932, 0.3849, 0.4376



43.2932, 0.2864, 0.4165

Sweetspot

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



43.2948, 0.2378, 0.2320



79.8519, 0.2921, 0.3042



81.4637, 0.2683, 0.3652



16.4213, 0.2884, 0.2996



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.



43.2948, 0.2378, 0.2320



36.1196, 0.2210, 0.2074



35.3501, 0.2480, 0.2002



18.1895, 0.2979, 0.3112



6.2754, 0.1593, 0.0936



0.7841, 0.1653, 0.1150

Inverse Universe

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



43.9065, 0.3941, 0.2977



37.7743, 0.4211, 0.2919



88.9855, 0.3606, 0.4419



18.0690, 0.3251, 0.3225



11.3615, 0.5856, 0.3000



1.1237, 0.5537, 0.2824

Previews

White Background



This preview shows how the Yxy color 43.2932, 0.2378, 0.2320 looks on a white background.

Color Contrast Check

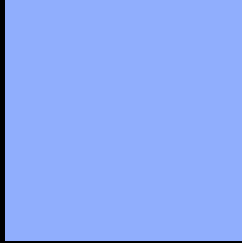
Large Text (above 18pt) WCAG AA × Fail

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 43.2932, 0.2378, 0.2320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

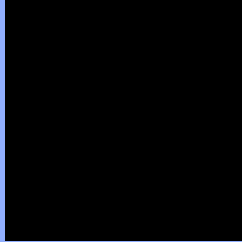
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

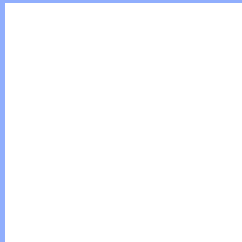
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.2932, 0.2378, 0.2320

Background



This preview shows how black text looks on a background with the Yxy color 43.2932, 0.2378, 0.2320.



This preview shows how white text looks on a background with the Yxy color 43.2932, 0.2378, 0.2320.

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

43.2932, 0.2378, 0.2320

Protanopia

43.3994, 0.2417, 0.2326

Deuteranopia

43.3837, 0.2383, 0.2321



Tritanopia

43.1503, 0.2614, 0.3077

Trichromacy



Original Color

43.2932, 0.2378, 0.2320

Protanomaly

43.2113, 0.2404, 0.2323

Deuteranomaly

43.3837, 0.2383, 0.2321

Tritanomaly

42.9079, 0.2519, 0.2764

Monochromacy



Original Color

43.2932, 0.2378, 0.2320

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.3704, 0.2811, 0.2904

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.2932, 0.2378, 0.2320 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(144, 174, 253)` looks like.

```
.text, #text, p{  
    color:rgb(144, 174, 253)  
}
```

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(144, 174, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 174, 253) }
```

Border

The CSS property to change the border of an element to Yxy 43.2932, 0.2378, 0.2320 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(144, 174, 253) }
```

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

```
.border{ border-color:rgb(144, 174, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 174, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(144, 174, 253); -webkit-box-shadow:4px 4px 4px 4px rgb(144, 174, 253); box-shadow:4px 4px 4px 4px rgb(144, 174, 253) }
```


Background

The CSS property to change the background color of an element to Yxy 43.2932, 0.2378, 0.2320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 174, 253) }
```

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

```
.background{ background-color: rgb(144,  
174, 253) }
```

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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