

Converting Colors

$Yxy(32.6473, 0.2368, 0.2076)$

Have a look what the booklet for
Yxy(32.6473, 0.2368, 0.2076)
contains.

Yxy(32.6594, 0.2369, 0.2073)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(32.6594, 0.2369, 0.2073)

Conversions

Conversions Part 1

Format	Color
Hex	8E92F1
RGB	142, 146, 241
RGB Percent	56%, 57%, 95%
CMY	0.4428, 0.4275, 0.0549
CMYK	0.41, 0.39, 0.00, 0.05
HSL	238°, 78%, 75%
HSV	238°, 41%, 95%
XYZ	37.3228, 32.6594, 87.5644
YIQ	155.6340, -32.8790, 28.6970

Conversions

Conversions Part 2

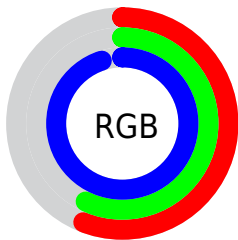
Format	Color
RYB	142, 146, 241
Decimal	9343729
CIELab	63.88, 21.81, -48.26
CIElCh	64, 52.958, 294.324
Yxy	32.6594, 0.2369, 0.2073
Android (android.graphics.Color)	4287533809 (0xFF8E92F1)
YUV	155.6340, 42.0854, -11.9570
Hunter-Lab	57.1484, 16.5660, -50.8419

Details

The Yxy color **32.6594, 0.2369, 0.2073** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **81.2949, 0.3756, 0.4271**, and the grayscale version is **32.9004, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.6707, 0.2755, 0.2685**, and **13.8049, 0.2148, 0.1779** is the 20% darker color. If you saturate the color by 10%, you get **24.3244, 0.2156, 0.1724**, and if you desaturate by 10%, it is **42.9029, 0.2578, 0.2412**.

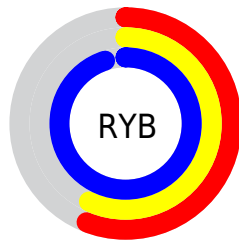
Distribution



Red (56%)

Green (57%)

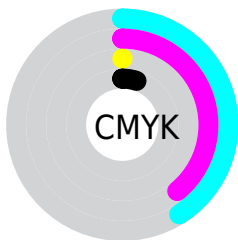
Blue (95%)



Red (56%)

Yellow (57%)

Blue (95%)

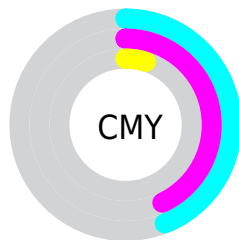


Cyan (41%)

Magenta (39%)

Yellow (0%)

Black (5%)



Cyan (44%)


Magenta (43%)


Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.6594, 0.2369, 0.2073 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 32.6594, 0.2369, 0.2073 by changing the saturation by 10% instead.


 32.6594, 0.2369,
0.2073

 32.6594, 0.2369,
0.2073


314.1122, 0.2762,
0.2661

 21.8657, 0.2270,
0.1937


 63.8434, 0.2513,
0.2279

 13.7582, 0.2145,
0.1769


 85.0024, 0.2567,
0.2359

 7.9527, 0.1981,
0.1559


110.3854, 0.2612,
0.2428

 4.0647, 0.1760,
0.1294

140.3766, 0.2651,
0.2487

 1.7098, 0.1457,
0.0959

175.3605, 0.2684,
0.2539

 0.4300, 0.1047,
0.0476

215.7214, 0.2713,

 0.0000, 0.0000,

0.2584

0.0000

261.8439, 0.2739,
0.2625

■ 32.6594, 0.2369,
0.2073

■ 32.6594, 0.2369,
0.2073

■ 24.3244, 0.2156,
0.1724

■ 42.9029, 0.2578,
0.2412

■ 17.7766, 0.1952,
0.1387

■ 55.1590, 0.2775,
0.2728

■ 12.8863, 0.1773,
0.1087

■ 69.5288, 0.2953,
0.3014

■ 9.5048, 0.1634,
0.0850

■ 86.1051, 0.3112,
0.3266

■ 7.4568, 0.1545,
0.0691

■ 99.1316, 0.3208,
0.3424

■ 6.5575, 0.1505,
0.0618

Harmonies

Analogous

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



32.6594, 0.1897, 0.2090



32.6594, 0.2369, 0.2073



32.6594, 0.3110, 0.2298

Triad

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



32.6594, 0.2369, 0.2073



32.6594, 0.4760, 0.3870



32.6594, 0.2267, 0.3927

Complementary

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



32.6594, 0.2369, 0.2073



81.2949, 0.3756, 0.4271

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.



32.6594, 0.2969, 0.4662



32.6594, 0.2369, 0.2073



32.6594, 0.4419, 0.4443

Square

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



32.6594, 0.2369, 0.2073



32.6594, 0.4607, 0.3270



32.6594, 0.3756, 0.4809



32.6594, 0.1833, 0.3033

Rectangle

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



32.6594, 0.2369, 0.2073



32.6594, 0.3685, 0.2562



32.6594, 0.3756, 0.4809



32.6594, 0.2478, 0.4217

Sweetspot

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



32.6606, 0.2369, 0.2073



77.3091, 0.2936, 0.2987



74.7356, 0.2587, 0.3347



16.0661, 0.2914, 0.2951



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.



32.6606, 0.2369, 0.2073



29.2888, 0.2196, 0.1790



36.2370, 0.2704, 0.2132



15.3284, 0.2979, 0.3055



3.6008, 0.1507, 0.0625



0.3344, 0.1525, 0.0689

Inverse Universe

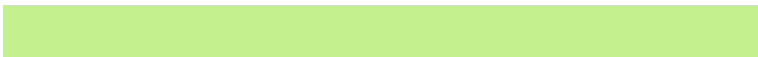
The Inverse Universe completely reimagines the original color for something new.



40.1483, 0.4141, 0.3250



38.9869, 0.4459, 0.3244



76.6751, 0.3420, 0.4427



15.7689, 0.3287, 0.3281



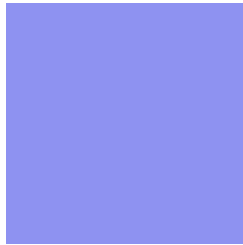
10.1569, 0.6359, 0.3277



0.8485, 0.6251, 0.3217

Previews

White Background



This preview shows how the Yxy color 32.6594, 0.2369, 0.2073 looks on a white background.

Color Contrast Check

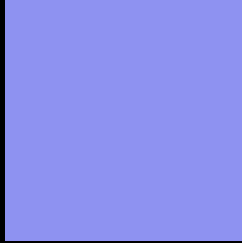
Large Text (above 18pt) WCAG AA × Fail

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 32.6594, 0.2369, 0.2073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

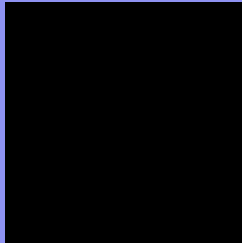
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.6594, 0.2369, 0.2073

Background



This preview shows how black text looks on a background with the Yxy color 32.6594, 0.2369, 0.2073.



This preview shows how white text looks on a background with the Yxy color 32.6594, 0.2369, 0.2073.

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

32.6594, 0.2369, 0.2073

Protanopia

32.7090, 0.2212, 0.2049

Deuteranopia

32.7227, 0.2208, 0.2144



Tritanopia

32.5187, 0.2711, 0.3085

Trichromacy



Original Color

32.6594, 0.2369, 0.2073

Protanomaly

32.5386, 0.2263, 0.2055

Deuteranomaly

32.5621, 0.2257, 0.2111

Tritanomaly

32.3452, 0.2571, 0.2659

Monochromacy



Original Color

32.6594, 0.2369, 0.2073

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

32.6236, 0.2813, 0.2785

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.6594, 0.2369, 0.2073 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(142, 146, 241)` looks like.

```
.text, #text, p{  
    color:rgb(142, 146, 241)  
}
```

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(142, 146, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 146, 241) }
```

Border

The CSS property to change the border of an element to Yxy 32.6594, 0.2369, 0.2073 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(142, 146, 241) }
```

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

```
.border{ border-color:rgb(142, 146, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 146, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 146, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 146, 241);  
box-shadow:4px 4px 4px 4px rgb(142, 146,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 32.6594, 0.2369, 0.2073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 146, 241) }
```

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

```
.background{ background-color: rgb(142,  
146, 241) }
```

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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