

Converting Colors

$Yxy(43.2252, 0.2407, 0.2586)$

Have a look what the booklet for
Yxy(43.2252, 0.2407, 0.2586)
contains.

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Color

Yxy(43.3289, 0.2407, 0.2582)

Conversions

Conversions Part 1

Format	Color
Hex	82B4EA
RGB	130, 180, 234
RGB Percent	51%, 71%, 92%
CMY	0.4898, 0.2942, 0.0823
CMYK	0.44, 0.23, 0.00, 0.08
HSL	211°, 71%, 71%
HSV	211°, 44%, 92%
XYZ	40.3922, 43.3289, 84.0903
YIQ	171.2060, -47.1340, 6.1940

Conversions

Conversions Part 2

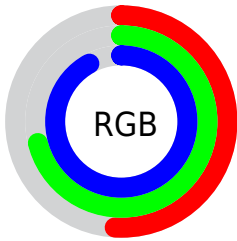
Format	Color
RYB	130, 164, 234
Decimal	8565994
CIELab	71.78, -2.44, -32.15
CIELCh	72, 32.247, 265.666
Yxy	43.3289, 0.2407, 0.2582
Android (android.graphics.Color)	4286756074 (0xFF82B4EA)
YUV	171.2060, 30.9574, -36.1377
Hunter-Lab	65.8247, -5.6597, -29.6650

Details

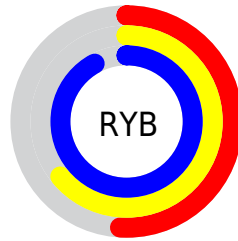
The Yxy color **43.3289, 0.2407, 0.2582** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **53.4517, 0.4020, 0.3897**, and the grayscale version is **40.7042, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.7757, 0.2716, 0.3082**, and **19.8489, 0.2215, 0.2383** is the 20% darker color. If you saturate the color by 10%, you get **36.9845, 0.2248, 0.2386**, and if you desaturate by 10%, it is **50.5289, 0.2572, 0.2767**.

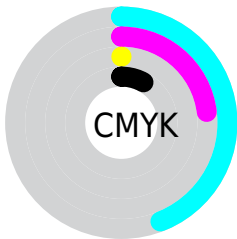
Distribution



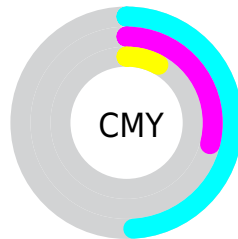
- Red (51%)
- Green (71%)
- Blue (92%)



- Red (51%)
- Yellow (64%)
- Blue (92%)



- Cyan (44%)
- Magenta (23%)
- Yellow (0%)
- Black (8%)



- Cyan (49%)
- Magenta (29%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.3289, 0.2407, 0.2582 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 43.3289, 0.2407, 0.2582 by changing the saturation by 10% instead.

■ 43.3289, 0.2407,
0.2582

■ 43.3289, 0.2407,
0.2582

■ 359.9626, 0.2761,
0.2932

■ 30.1433, 0.2322,
0.2497

■ 80.2069, 0.2533,
0.2708

■ 19.9474, 0.2215,
0.2390

■ 104.6681, 0.2581,
0.2755

■ 12.3568, 0.2077,
0.2251

■ 133.6567, 0.2622,
0.2796

■ 6.9871, 0.1894,
0.2065

■ 167.5569, 0.2658,
0.2831

■ 3.4541, 0.1641,
0.1806

■ 206.7532, 0.2689,
0.2861

■ 1.3731, 0.1281,
0.1433

■ 251.6300, 0.2716,

■ 0.1968, 0.0345,

0.2888

0.0532

302.5717, 0.2739,
0.2911

0.0000, 0.0000,
0.0000

43.3289, 0.2407,
0.2582

43.3289, 0.2407,
0.2582

36.9845, 0.2248,
0.2386

50.5289, 0.2572,
0.2767

31.4509, 0.2102,
0.2183

58.6164, 0.2738,
0.2938

26.6857, 0.1972,
0.1978

67.6274, 0.2902,
0.3093

22.6392, 0.1865,
0.1777

77.5941, 0.3060,
0.3233

19.2527, 0.1783,
0.1587

88.5471, 0.3210,
0.3358

■ 17.6007, 0.1746,
0.1486

■ 97.4524, 0.3252,
0.3474

■ 98.7216, 0.3250,
0.3493

Harmonies

Analogous

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



43.3289, 0.2283, 0.2785



43.3289, 0.2407, 0.2582



43.3289, 0.2714, 0.2561

Triad

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



43.3289, 0.2407, 0.2582



43.3289, 0.3954, 0.3332



43.3289, 0.3048, 0.3992

Complementary

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



43.3289, 0.2407, 0.2582



53.4517, 0.4020, 0.3897

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.



43.3289, 0.3504, 0.4127



43.3289, 0.2407, 0.2582



43.3289, 0.4047, 0.3699

Square

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



43.3289, 0.2407, 0.2582



43.3289, 0.3617, 0.2980



43.3289, 0.3875, 0.3999



43.3289, 0.2633, 0.3616

Rectangle

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



43.3289, 0.2407, 0.2582



43.3289, 0.2998, 0.2641



43.3289, 0.3875, 0.3999



43.3289, 0.3202, 0.4068

Sweetspot

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



43.3305, 0.2407, 0.2582



83.7357, 0.2923, 0.3113



67.0631, 0.2781, 0.3944



17.3746, 0.2887, 0.3080



0.0000, 0.0000, 0.0000



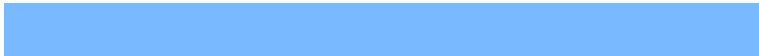
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



43.3305, 0.2407, 0.2582



45.7818, 0.2266, 0.2409



26.8277, 0.2302, 0.1909



15.7419, 0.2981, 0.3164



10.1379, 0.1754, 0.1514



0.9878, 0.1825, 0.1771

Inverse Universe

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



36.7838, 0.3728, 0.2733



38.1477, 0.3910, 0.2632



77.6754, 0.3773, 0.4385



15.1745, 0.3218, 0.3177



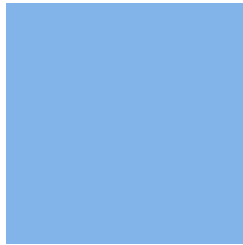
10.5162, 0.5041, 0.2551



0.8451, 0.4720, 0.2374

Previews

White Background



This preview shows how the Yxy color 43.3289, 0.2407, 0.2582 looks on a white background.

Color Contrast Check

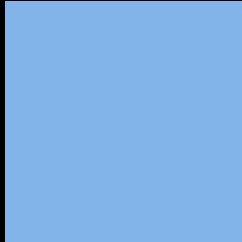
Large Text (above 18pt) WCAG AA × Fail

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 43.3289, 0.2407, 0.2582 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

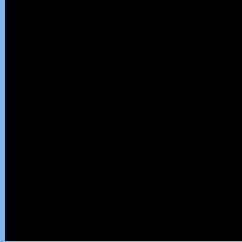
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

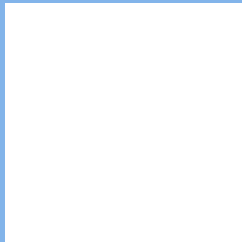
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.3289, 0.2407, 0.2582

Background



This preview shows how black text looks on a background with the Yxy color 43.3289, 0.2407, 0.2582.



This preview shows how white text looks on a background with the Yxy color 43.3289, 0.2407, 0.2582.

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

43.3289, 0.2407, 0.2582

Protanopia

43.0179, 0.2614, 0.2580

Deuteranopia

43.3142, 0.2564, 0.2503



Tritanopia

43.3998, 0.2550, 0.3075

Trichromacy



Original Color

43.3289, 0.2407, 0.2582

Protanomaly

43.2098, 0.2532, 0.2583

Deuteranomaly

43.3447, 0.2502, 0.2538

Tritanomaly

43.3702, 0.2495, 0.2888

Monochromacy



Original Color

43.3289, 0.2407, 0.2582

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

41.2351, 0.2821, 0.3015

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.3289, 0.2407, 0.2582 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(130, 180, 234)` looks like.

```
.text, #text, p{  
    color:rgb(130, 180, 234)  
}
```

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(130, 180, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 180, 234) }
```

Border

The CSS property to change the border of an element to Yxy 43.3289, 0.2407, 0.2582 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(130, 180, 234) }
```

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

```
.border{ border-color:rgb(130, 180, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 180, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 180, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 180, 234);  
box-shadow:4px 4px 4px 4px rgb(130, 180,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 43.3289, 0.2407, 0.2582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 180, 234) }
```

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

```
.background{ background-color: rgb(130,  
180, 234) }
```

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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