

Converting Colors

$Y_{xy}(48.2771, 0.2452, 0.2603)$

Have a look what the booklet for
Yxy(48.2771, 0.2452, 0.2603)
contains.

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Color

Yxy(48.2771, 0.2452, 0.2603)

Conversions

Conversions Part 1

Format	Color
Hex	8FBCF3
RGB	143, 188, 243
RGB Percent	56%, 74%, 95%
CMY	0.4396, 0.2627, 0.0471
CMYK	0.41, 0.23, 0.00, 0.05
HSL	213°, 81%, 76%
HSV	213°, 41%, 95%
XYZ	45.4765, 48.2771, 91.7135
YIQ	180.8150, -44.4750, 7.5650

Conversions

Conversions Part 2

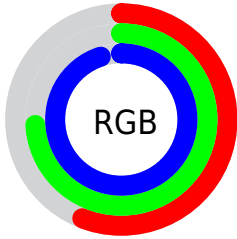
Format	Color
R_{YB}	143, 174, 243
Decimal	9420019
CIE _{Lab}	75.00, -1.17, -31.99
CIE _{LCh}	75, 32.007, 267.905
Yxy	48.2771, 0.2452, 0.2603
Android (android.graphics.Color)	4287610099 (0xFF8FBCF3)
YUV	180.8150, 30.6572, -33.1638
Hunter-Lab	69.4817, -4.7628, -29.6236

Details

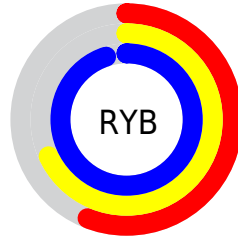
The Yxy color **48.2771, 0.2452, 0.2603** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **61.3726, 0.3930, 0.3885**, and the grayscale version is **45.9449, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.2007, 0.2797, 0.3173**, and **22.9420, 0.2274, 0.2420** is the 20% darker color. If you saturate the color by 10%, you get **40.8991, 0.2287, 0.2398**, and if you desaturate by 10%, it is **56.6558, 0.2621, 0.2795**.

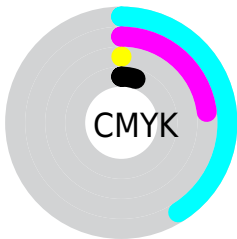
Distribution



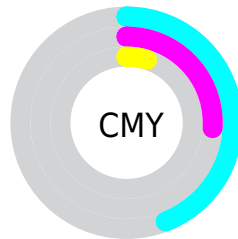
- Red (56%)
- Green (74%)
- Blue (95%)



- Red (56%)
- Yellow (68%)
- Blue (95%)



- Cyan (41%)
- Magenta (23%)
- Yellow (0%)
- Black (5%)



- Cyan (44%)
- Magenta (26%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.2771, 0.2452, 0.2603 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 48.2771, 0.2452, 0.2603 by changing the saturation by 10% instead.

■ 48.2771, 0.2452,
0.2603

■ 48.2771, 0.2452,
0.2603

■ 379.8894, 0.2779,
0.2937

■ 34.0464, 0.2375,
0.2524

■ 87.6168, 0.2568,
0.2721

■ 22.9292, 0.2278,
0.2425

■ 113.4946, 0.2612,
0.2767

■ 14.5413, 0.2155,
0.2297

■ 144.0236, 0.2650,
0.2805

■ 8.4981, 0.1991,
0.2129

■ 179.5881, 0.2683,
0.2839

■ 4.4153, 0.1769,
0.1898

■ 220.5725, 0.2711,
0.2868

■ 1.9085, 0.1453,
0.1569

■ 267.3613, 0.2736,

■ 0.5535, 0.0927,

0.2894

0.1031

320.3388, 0.2759,
0.2916

0.0000, 0.0000,
0.0000

48.2771, 0.2452,
0.2603

48.2771, 0.2452,
0.2603

40.8991, 0.2287,
0.2398

56.6558, 0.2621,
0.2795

34.4715, 0.2131,
0.2185

66.0713, 0.2789,
0.2971

28.9469, 0.1992,
0.1968

76.5644, 0.2953,
0.3131

24.2705, 0.1873,
0.1755

88.1716, 0.3109,
0.3274

20.3788, 0.1780,
0.1553

99.0987, 0.3197,
0.3403

■ 17.5198, 0.1719,
0.1388

■ 99.2510, 0.3197,
0.3405

Harmonies

Analogous

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



48.2771, 0.2319, 0.2787



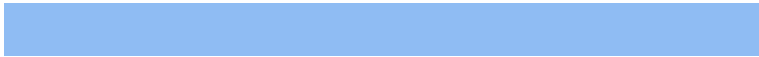
48.2771, 0.2452, 0.2603



48.2771, 0.2760, 0.2595

Triad

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



48.2771, 0.2452, 0.2603



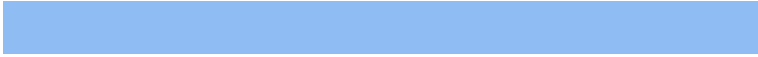
48.2771, 0.3934, 0.3359



48.2771, 0.3020, 0.3939

Complementary

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



48.2771, 0.2452, 0.2603



61.3726, 0.3930, 0.3885

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.



48.2771, 0.3458, 0.4089



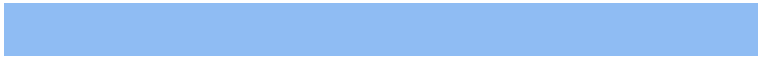
48.2771, 0.2452, 0.2603



48.2771, 0.4005, 0.3709

Square

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



48.2771, 0.2452, 0.2603



48.2771, 0.3626, 0.3016



48.2771, 0.3823, 0.3987



48.2771, 0.2629, 0.3570

Rectangle

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



48.2771, 0.2452, 0.2603



48.2771, 0.3037, 0.2679



48.2771, 0.3823, 0.3987



48.2771, 0.3167, 0.4019

Sweetspot

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



48.2789, 0.2452, 0.2603



84.3920, 0.2939, 0.3118



73.9310, 0.2792, 0.3868



17.7231, 0.2918, 0.3098



0.0000, 0.0000, 0.0000



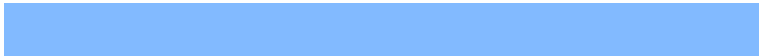
21.4041, 0.3127, 0.3290

Same Dimension

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



48.2789, 0.2452, 0.2603



47.2419, 0.2320, 0.2441



32.2238, 0.2381, 0.2025



17.1567, 0.2980, 0.3157



9.8766, 0.1727, 0.1416



1.0703, 0.1793, 0.1655

Inverse Universe

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



42.3052, 0.3700, 0.2802



40.7993, 0.3865, 0.2713



84.5471, 0.3719, 0.4318



16.6067, 0.3223, 0.3184



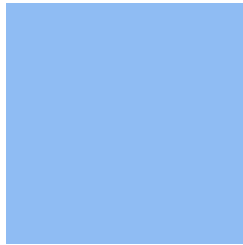
11.0964, 0.5169, 0.2621



0.9957, 0.4862, 0.2452

Previews

White Background



This preview shows how the Yxy color 48.2771, 0.2452, 0.2603 looks on a white background.

Color Contrast Check

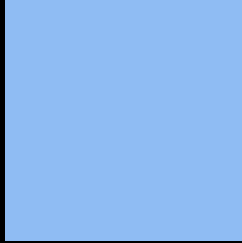
Large Text (above 18pt) WCAG AA × Fail

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 48.2771, 0.2452, 0.2603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

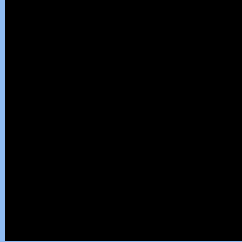
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

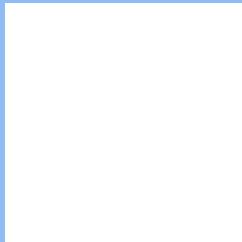
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.2771, 0.2452, 0.2603

Background



This preview shows how black text looks on a background with the Yxy color 48.2771, 0.2452, 0.2603.



This preview shows how white text looks on a background with the Yxy color 48.2771, 0.2452, 0.2603.

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

48.2771, 0.2452, 0.2603

Protanopia

48.1229, 0.2628, 0.2599

Deuteranopia

48.0144, 0.2597, 0.2534



Tritanopia

48.3050, 0.2592, 0.3073

Trichromacy



Original Color

48.2771, 0.2452, 0.2603

Protanomaly

48.0458, 0.2565, 0.2602

Deuteranomaly

48.2862, 0.2543, 0.2560

Tritanomaly

48.2916, 0.2538, 0.2895

Monochromacy



Original Color

48.2771, 0.2452, 0.2603

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

46.8561, 0.2843, 0.3029

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.2771, 0.2452, 0.2603 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(143, 188, 243)` looks like.

```
.text, #text, p{  
    color:rgb(143, 188, 243)  
}
```

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(143, 188, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 188, 243) }
```

Border

The CSS property to change the border of an element to Yxy 48.2771, 0.2452, 0.2603 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(143, 188, 243) }
```

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

```
.border{ border-color:rgb(143, 188, 243) }
```

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

Here you see how a box with a 4 pixel rgb(143, 188, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 188, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 188, 243);  
box-shadow:4px 4px 4px 4px rgb(143, 188,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 48.2771, 0.2452, 0.2603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 188, 243) }
```

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

```
.background{ background-color: rgb(143,  
188, 243) }
```

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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