

Converting Colors

$Yxy(48.2679, 0.2389, 0.2454)$

Have a look what the booklet for
Yxy(48.2679, 0.2389, 0.2454)
contains.

Yxy(48.1775, 0.2388, 0.2451)	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(48.1775, 0.2388, 0.2451)

Conversions

Conversions Part 1

Format	Color
Hex	8FBAFF
RGB	143, 186, 255
RGB Percent	56%, 73%, 100%
CMY	0.4392, 0.2706, 0.0000
CMYK	0.44, 0.27, 0.00, 0.00
HSL	217°, 100%, 78%
HSV	217°, 44%, 100%
XYZ	46.9392, 48.1775, 101.4460
YIQ	181.0090, -47.7770, 12.3430

Conversions

Conversions Part 2

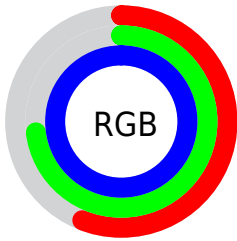
Format	Color
RYB	143, 174, 255
Decimal	9419519
CIELab	74.94, 3.25, -38.55
CIElCh	75, 38.688, 274.816
Yxy	48.1775, 0.2388, 0.2451
Android (android.graphics.Color)	4287609599 (0xFF8FB AFF)
YUV	181.0090, 36.4776, -33.3339
Hunter-Lab	69.4100, -0.7553, -38.0681

Details

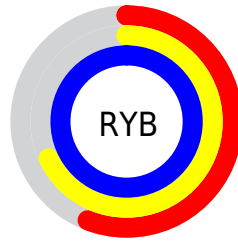
The Yxy color **48.1775, 0.2388, 0.2451** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **70.3351, 0.3963, 0.3997**, and the grayscale version is **46.0332, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.1418, 0.2801, 0.3152**, and **22.8307, 0.2200, 0.2240** is the 20% darker color. If you saturate the color by 10%, you get **39.8951, 0.2216, 0.2217**, and if you desaturate by 10%, it is **57.7064, 0.2564, 0.2673**.

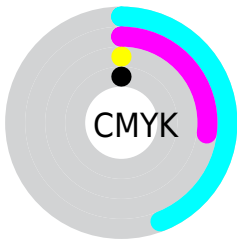
Distribution



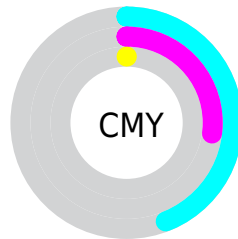
- Red (56%)
- Green (73%)
- Blue (100%)



- Red (56%)
- Yellow (68%)
- Blue (100%)



- Cyan (44%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)



- Cyan (44%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.1775, 0.2388, 0.2451 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 48.1775, 0.2388, 0.2451 by changing the saturation by 10% instead.

■ 48.1775, 0.2388,
0.2451

■ 48.1775, 0.2388,
0.2451

379.4953, 0.2744,
0.2852

■ 33.9675, 0.2304,
0.2358

■ 87.4686, 0.2514,
0.2591

■ 22.8686, 0.2201,
0.2243

■ 113.3185, 0.2562,
0.2646

■ 14.4965, 0.2069,
0.2098

143.8171, 0.2603,
0.2692

■ 8.4668, 0.1896,
0.1909

179.3489, 0.2639,
0.2733

■ 4.3951, 0.1665,
0.1659

220.2982, 0.2670,
0.2768

■ 1.8969, 0.1346,
0.1318

267.0494, 0.2698,

■ 0.5465, 0.0880,

0.2799

0.0803

319.9870, 0.2723,
0.2827

0.0000, 0.0000,
0.0000

48.1775, 0.2388,
0.2451

48.1775, 0.2388,
0.2451

39.8951, 0.2216,
0.2217

57.7064, 0.2564,
0.2673

32.7981, 0.2054,
0.1975

68.5342, 0.2739,
0.2878

26.8226, 0.1911,
0.1735

80.7125, 0.2907,
0.3064

21.8961, 0.1792,
0.1506

94.2894, 0.3067,
0.3230

17.9341, 0.1703,
0.1297

100.0000, 0.3127,
0.3290

■ 15.9345, 0.1662,
0.1182

Harmonies

Analogous

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



48.1775, 0.2183, 0.2612



48.1775, 0.2388, 0.2451



48.1775, 0.2791, 0.2491

Triad

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



48.1775, 0.2388, 0.2451



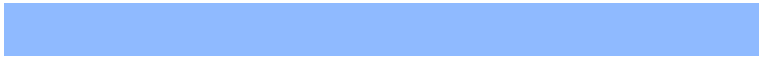
48.1775, 0.4153, 0.3459



48.1775, 0.2873, 0.4002

Complementary

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



48.1775, 0.2388, 0.2451



70.3351, 0.3963, 0.3997

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.



48.1775, 0.3397, 0.4254



48.1775, 0.2388, 0.2451



48.1775, 0.4159, 0.3868

Square

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



48.1775, 0.2388, 0.2451



48.1775, 0.3837, 0.3047



48.1775, 0.3872, 0.4177



48.1775, 0.2441, 0.3503

Rectangle

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



48.1775, 0.2388, 0.2451



48.1775, 0.3139, 0.2616



48.1775, 0.3872, 0.4177



48.1775, 0.3044, 0.4122

Sweetspot

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



48.1782, 0.2388, 0.2451



81.8998, 0.2922, 0.3080



82.0238, 0.2737, 0.3822



16.9231, 0.2886, 0.3041



0.0000, 0.0000, 0.0000



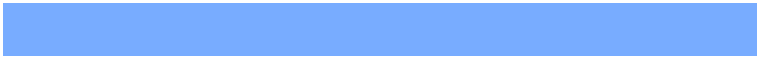
21.4041, 0.3127, 0.3290

Same Dimension

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



48.1782, 0.2388, 0.2451



40.6051, 0.2231, 0.2239



33.7582, 0.2371, 0.1941



18.5209, 0.2979, 0.3139



8.5926, 0.1670, 0.1212



1.0402, 0.1732, 0.1436

Inverse Universe

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



44.4529, 0.3835, 0.2845



37.6251, 0.4064, 0.2762



92.7010, 0.3705, 0.4405



18.1025, 0.3234, 0.3199



11.5954, 0.5450, 0.2776



1.1496, 0.5143, 0.2607

Previews

White Background



This preview shows how the Yxy color 48.1775, 0.2388, 0.2451 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 48.1775, 0.2388, 0.2451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

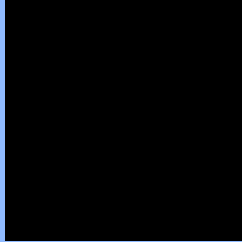
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

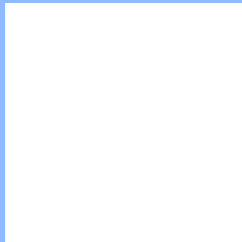
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.1775, 0.2388, 0.2451

Background



This preview shows how black text looks on a background with the Yxy color 48.1775, 0.2388, 0.2451.



This preview shows how white text looks on a background with the Yxy color 48.1775, 0.2388, 0.2451.

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

48.1775, 0.2388, 0.2451

Protanopia

47.7993, 0.2518, 0.2454

Deuteranopia

48.1495, 0.2480, 0.2423



Tritanopia

47.9825, 0.2569, 0.3071

Trichromacy



Original Color

48.1775, 0.2388, 0.2451

Protanomaly

47.9632, 0.2473, 0.2460

Deuteranomaly

47.9570, 0.2445, 0.2427

Tritanomaly

47.9035, 0.2503, 0.2831

Monochromacy



Original Color

48.1775, 0.2388, 0.2451

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

46.6365, 0.2815, 0.2966

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.1775, 0.2388, 0.2451 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, 186, 255)` looks like.

```
.text, #text, p{  
    color:rgb(143, 186, 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(143, 186, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 186, 255) }
```

Border

The CSS property to change the border of an element to Yxy 48.1775, 0.2388, 0.2451 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, 186, 255) }
```

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

```
.border{ border-color:rgb(143, 186, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 186, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 186, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 186, 255);  
box-shadow:4px 4px 4px 4px rgb(143, 186,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 48.1775, 0.2388, 0.2451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 186, 255) }
```

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

```
.background{ background-color: rgb(143,  
186, 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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