

Converting Colors

Yxy(52.6333, 0.2489, 0.2812)

Have a look what the booklet for
Yxy(52.6333, 0.2489, 0.2812)
contains.

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Color

Yxy(52.5367, 0.2490, 0.2811)

Conversions

Conversions Part 1

Format	Color
Hex	8CC7ED
RGB	140, 199, 237
RGB Percent	55%, 78%, 93%
CMY	0.4506, 0.2197, 0.0705
CMYK	0.41, 0.16, 0.00, 0.07
HSL	204°, 73%, 74%
HSV	204°, 41%, 93%
XYZ	46.5373, 52.5367, 87.8228
YIQ	185.6910, -47.3620, -0.6900

Conversions

Conversions Part 2

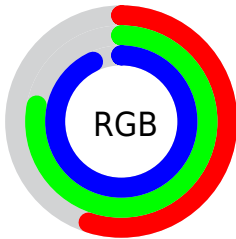
Format	Color
RYB	140, 177, 237
Decimal	9226221
CIELab	77.60, -9.37, -24.79
CIElCh	78, 26.501, 249.305
Yxy	52.5367, 0.2490, 0.2811
Android (android.graphics.Color)	4287416301 (0xFF8CC7ED)
YUV	185.6910, 25.2953, -40.0710
Hunter-Lab	72.4822, -12.2377, -21.1010

Details

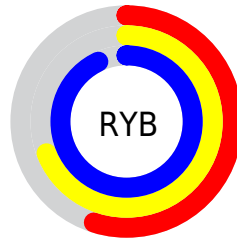
The Yxy color **52.5367, 0.2490, 0.2811** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **51.7935, 0.3992, 0.3718**, and the grayscale version is **48.8079, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.6103, 0.2789, 0.3289**, and **25.4718, 0.2327, 0.2680** is the 20% darker color. If you saturate the color by 10%, you get **46.5457, 0.2345, 0.2669**, and if you desaturate by 10%, it is **59.2368, 0.2643, 0.2944**.

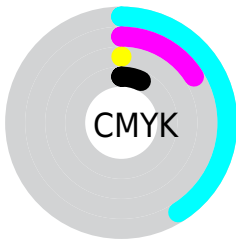
Distribution



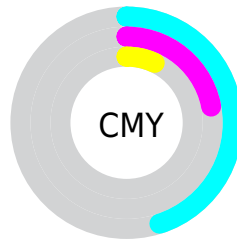
- Red (55%)
- Green (78%)
- Blue (93%)



- Red (55%)
- Yellow (69%)
- Blue (93%)



- Cyan (41%)
- Magenta (16%)
- Yellow (0%)
- Black (7%)



- Cyan (45%)
- Magenta (22%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.5367, 0.2490, 0.2811 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 52.5367, 0.2490, 0.2811 by changing the saturation by 10% instead.

■ 52.5367, 0.2490,
0.2811

■ 52.5367, 0.2490,
0.2811

■ 396.5051, 0.2794,
0.3047

■ 37.4330, 0.2419,
0.2754

■ 93.9223, 0.2597,
0.2895

■ 25.5430, 0.2330,
0.2682

■ 120.9730, 0.2638,
0.2927

■ 16.4820, 0.2217,
0.2589

■ 152.7748, 0.2674,
0.2955

■ 9.8659, 0.2067,
0.2463

■ 189.7122, 0.2704,
0.2978

■ 5.3101, 0.1863,
0.2285

■ 232.1696, 0.2731,
0.2999

■ 2.4304, 0.1572,
0.2021

■ 280.5312, 0.2754,

■ 0.8414, 0.1091,

0.3017

0.1608

335.1816, 0.2775,
0.3032

0.0000, 0.0000,
0.0000

52.5367, 0.2490,
0.2811

52.5367, 0.2490,
0.2811

46.5457, 0.2345,
0.2669

59.2368, 0.2643,
0.2944

41.2243, 0.2211,
0.2520

66.6707, 0.2801,
0.3068

36.5379, 0.2094,
0.2367

74.8690, 0.2958,
0.3180

32.4445, 0.1997,
0.2214

83.8583, 0.3113,
0.3281

28.8953, 0.1921,
0.2062

92.9752, 0.3240,
0.3373

■ 26.0673, 0.1869,
0.1929

■ 98.7597, 0.3232,
0.3461

■ 98.8956, 0.3232,
0.3463

Harmonies

Analogous

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



52.5367, 0.2480, 0.3051



52.5367, 0.2490, 0.2811



52.5367, 0.2659, 0.2710

Triad

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



52.5367, 0.2490, 0.2811



52.5367, 0.3641, 0.3173



52.5367, 0.3267, 0.3905

Complementary

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



52.5367, 0.2490, 0.2811



51.7935, 0.3992, 0.3718

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.



52.5367, 0.3594, 0.3905



52.5367, 0.2490, 0.2811



52.5367, 0.3821, 0.3465

Square

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



52.5367, 0.2490, 0.2811



52.5367, 0.3318, 0.2919



52.5367, 0.3802, 0.3734



52.5367, 0.2915, 0.3709

Rectangle

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



52.5367, 0.2490, 0.2811



52.5367, 0.2846, 0.2723



52.5367, 0.3802, 0.3734



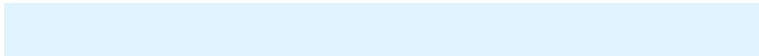
52.5367, 0.3384, 0.3927

Sweetspot

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



52.5387, 0.2490, 0.2811



87.2283, 0.2940, 0.3168



69.3470, 0.2871, 0.4057



18.3905, 0.2920, 0.3153



0.0000, 0.0000, 0.0000



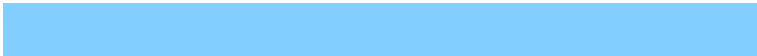
21.4041, 0.3127, 0.3290

Same Dimension

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



52.5387, 0.2490, 0.2811



56.0987, 0.2369, 0.2694



33.9597, 0.2389, 0.2178



16.0721, 0.2981, 0.3195



14.4920, 0.1876, 0.1953



1.3244, 0.1933, 0.2157

Inverse Universe

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



40.9126, 0.3534, 0.2647



41.6934, 0.3652, 0.2522



74.1397, 0.3783, 0.4199



15.2078, 0.3198, 0.3148



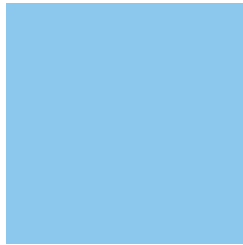
10.9558, 0.4507, 0.2256



0.8791, 0.4278, 0.2131

Previews

White Background



This preview shows how the Yxy color 52.5367, 0.2490, 0.2811 looks on a white background.

Color Contrast Check

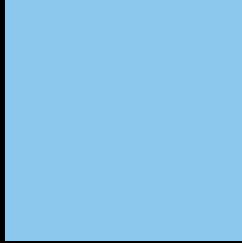
Large Text (above 18pt) WCAG AA × Fail

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 52.5367, 0.2490, 0.2811 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

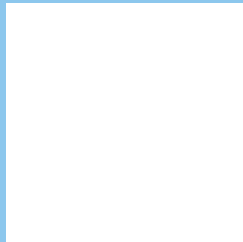
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.5367, 0.2490, 0.2811

Background



This preview shows how black text looks on a background with the Yxy color 52.5367, 0.2490, 0.2811.

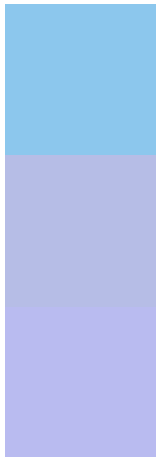


This preview shows how white text looks on a background with the Yxy color 52.5367, 0.2490, 0.2811.

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

52.5367, 0.2490, 0.2811

Protanopia

52.0534, 0.2783, 0.2798

Deuteranopia

52.1462, 0.2739, 0.2670



Tritanopia

52.4539, 0.2569, 0.3079

Trichromacy



Original Color

52.5367, 0.2490, 0.2811

Protanomaly

52.2386, 0.2666, 0.2801

Deuteranomaly

51.9286, 0.2641, 0.2711

Tritanomaly

52.5279, 0.2540, 0.2979

Monochromacy



Original Color

52.5367, 0.2490, 0.2811

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

50.1044, 0.2856, 0.3110

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.5367, 0.2490, 0.2811 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(140, 199, 237)` looks like.

```
.text, #text, p{  
    color:rgb(140, 199, 237)  
}
```

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(140, 199, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 199, 237) }
```

Border

The CSS property to change the border of an element to Yxy 52.5367, 0.2490, 0.2811 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(140, 199, 237) }
```

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

```
.border{ border-color:rgb(140, 199, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 199, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 199, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 199, 237);  
box-shadow:4px 4px 4px 4px rgb(140, 199,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 52.5367, 0.2490, 0.2811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 199, 237) }
```

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

```
.background{ background-color: rgb(140,  
199, 237) }
```

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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