

Converting Colors

$Y_{xy}(47.0006, 0.2564, 0.2831)$

Have a look what the booklet for
Yxy(47.0006, 0.2564, 0.2831)
contains.

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Color

Yxy(47.1338, 0.2561, 0.2832)

Conversions

Conversions Part 1

Format	Color
Hex	8FBCDF
RGB	143, 188, 223
RGB Percent	56%, 74%, 87%
CMY	0.4395, 0.2627, 0.1254
CMYK	0.36, 0.16, 0.00, 0.13
HSL	206°, 56%, 72%
HSV	206°, 36%, 87%
XYZ	42.6235, 47.1338, 76.6756
YIQ	178.5350, -38.0550, 1.3450

Conversions

Conversions Part 2

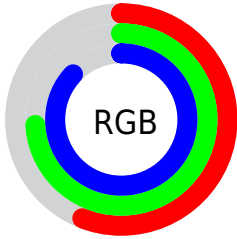
Format	Color
RYB	143, 172, 223
Decimal	9419999
CIELab	74.28, -6.40, -22.29
CIELCh	74, 23.190, 253.969
Yxy	47.1338, 0.2561, 0.2832
Android (android.graphics.Color)	4287610079 (0xFF8FBCDF)
YUV	178.5350, 21.9212, -31.1642
Hunter-Lab	68.6541, -9.3239, -18.1596

Details

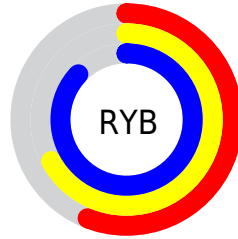
The Yxy color **47.1338, 0.2561, 0.2832** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **49.4891, 0.3840, 0.3704**, and the grayscale version is **44.7106, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.0635, 0.2791, 0.3173**, and **22.2789, 0.2408, 0.2703** is the 20% darker color. If you saturate the color by 10%, you get **41.3146, 0.2407, 0.2678**, and if you desaturate by 10%, it is **53.6336, 0.2720, 0.2975**.

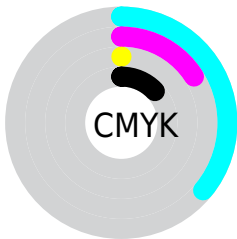
Distribution



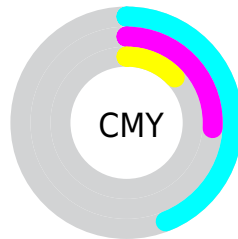
- Red (56%)
- Green (74%)
- Blue (87%)



- Red (56%)
- Yellow (67%)
- Blue (87%)



- Cyan (36%)
- Magenta (16%)
- Yellow (0%)
- Black (13%)



- Cyan (44%)
- Magenta (26%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.1338, 0.2561, 0.2832 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 47.1338, 0.2561, 0.2832 by changing the saturation by 10% instead.

■ 47.1338, 0.2561,
0.2832

■ 47.1338, 0.2561,
0.2832

■ 375.3484, 0.2838,
0.3061

■ 33.1414, 0.2494,
0.2776

■ 85.9133, 0.2660,
0.2915

■ 22.2348, 0.2410,
0.2704

■ 111.4693, 0.2697,
0.2946

■ 14.0295, 0.2301,
0.2609

■ 141.6485, 0.2729,
0.2972

■ 8.1412, 0.2154,
0.2480

■ 176.8355, 0.2757,
0.2995

■ 4.1854, 0.1948,
0.2294

■ 217.4145, 0.2781,
0.3015

■ 1.7778, 0.1641,
0.2008

■ 263.7701, 0.2802,

■ 0.4733, 0.0884,

0.3032

0.1426

316.2866, 0.2821,
0.3047

0.0000, 0.0000,
0.0000

47.1338, 0.2561,
0.2832

47.1338, 0.2561,
0.2832

41.3146, 0.2407,
0.2678

53.6336, 0.2720,
0.2975

36.1413, 0.2261,
0.2515

60.8356, 0.2879,
0.3107

31.5841, 0.2129,
0.2345

68.7666, 0.3037,
0.3226

27.6077, 0.2014,
0.2174

77.4508, 0.3189,
0.3332

24.1717, 0.1921,
0.2004

86.9105, 0.3335,
0.3427

■ 21.2274, 0.1851,
0.1840

■ 92.8068, 0.3326,
0.3521

■ 20.1327, 0.1826,
0.1774

■ 98.1087, 0.3315,
0.3601

Harmonies

Analogous

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



47.1338, 0.2528, 0.3034



47.1338, 0.2561, 0.2832



47.1338, 0.2737, 0.2759

Triad

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



47.1338, 0.2561, 0.2832



47.1338, 0.3629, 0.3225



47.1338, 0.3206, 0.3828

Complementary

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



47.1338, 0.2561, 0.2832



49.4891, 0.3840, 0.3704

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.



47.1338, 0.3512, 0.3859



47.1338, 0.2561, 0.2832



47.1338, 0.3766, 0.3493

Square

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



47.1338, 0.2561, 0.2832



47.1338, 0.3351, 0.2983



47.1338, 0.3720, 0.3727



47.1338, 0.2889, 0.3628

Rectangle

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



47.1338, 0.2561, 0.2832



47.1338, 0.2918, 0.2783



47.1338, 0.3720, 0.3727



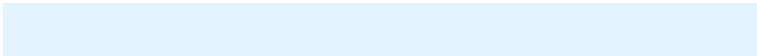
47.1338, 0.3313, 0.3859

Sweetspot

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



47.1356, 0.2561, 0.2832



87.4881, 0.2956, 0.3166



61.8192, 0.2875, 0.3888



18.4144, 0.2934, 0.3149



0.0000, 0.0000, 0.0000



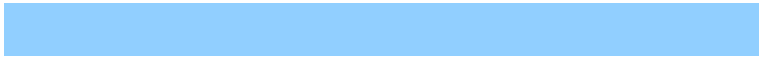
21.4041, 0.3127, 0.3290

Same Dimension

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



47.1356, 0.2561, 0.2832



57.9325, 0.2446, 0.2719



32.4290, 0.2485, 0.2285



14.5170, 0.2981, 0.3185



12.0645, 0.1833, 0.1798



1.0136, 0.1903, 0.2049

Inverse Universe

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



38.9483, 0.3504, 0.2767



46.1265, 0.3613, 0.2659



67.6491, 0.3685, 0.4128



13.8291, 0.3204, 0.3159



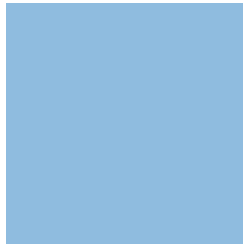
10.1260, 0.4687, 0.2356



0.7198, 0.4397, 0.2196

Previews

White Background



This preview shows how the Yxy color 47.1338, 0.2561, 0.2832 looks on a white background.

Color Contrast Check

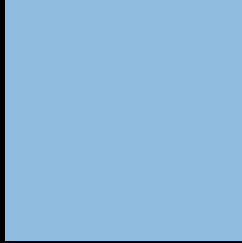
Large Text (above 18pt) WCAG AA × Fail

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 47.1338, 0.2561, 0.2832 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

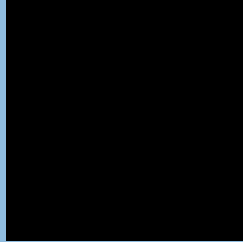
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.1338, 0.2561, 0.2832

Background



This preview shows how black text looks on a background with the Yxy color 47.1338, 0.2561, 0.2832.

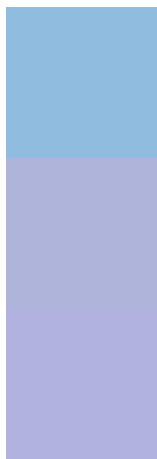


This preview shows how white text looks on a background with the Yxy color 47.1338, 0.2561, 0.2832.

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

47.1338, 0.2561, 0.2832

Protanopia

46.7031, 0.2797, 0.2813

Deuteranopia

46.7420, 0.2778, 0.2712



Tritanopia

47.2068, 0.2642, 0.3085

Trichromacy



Original Color

47.1338, 0.2561, 0.2832

Protanomaly

46.8208, 0.2706, 0.2818

Deuteranomaly

46.8370, 0.2693, 0.2760

Tritanomaly

47.1558, 0.2610, 0.2994

Monochromacy



Original Color

47.1338, 0.2561, 0.2832

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

45.5030, 0.2898, 0.3117

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.1338, 0.2561, 0.2832 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, 223)` looks like.

```
.text, #text, p{  
    color:rgb(143, 188, 223)  
}
```

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, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 188, 223) }
```

Border

The CSS property to change the border of an element to Yxy 47.1338, 0.2561, 0.2832 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, 223) }
```

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

```
.border{ border-color:rgb(143, 188, 223) }
```

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, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 188, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 188, 223);  
box-shadow:4px 4px 4px 4px rgb(143, 188,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 47.1338, 0.2561, 0.2832 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, 223) }
```

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

```
.background{ background-color: rgb(143,  
188, 223) }
```

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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