

Converting Colors

$Yxy(44.2546, 0.2625, 0.2822)$

Have a look what the booklet for
Yxy(44.2546, 0.2625, 0.2822)
contains.

Yxy(44.3015, 0.2623, 0.2826)	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(44.3015, 0.2623, 0.2826)

Conversions

Conversions Part 1

Format	Color
Hex	94B5D8
RGB	148, 181, 216
RGB Percent	58%, 71%, 85%
CMY	0.4199, 0.2901, 0.1530
CMYK	0.32, 0.16, 0.00, 0.15
HSL	211°, 47%, 71%
HSV	211°, 32%, 85%
XYZ	41.1192, 44.3015, 71.3433
YIQ	175.1230, -30.9030, 3.8890

Conversions

Conversions Part 2

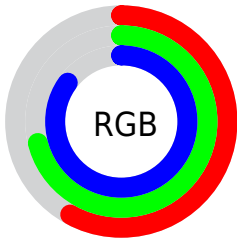
Format	Color
R _Y B	148, 170, 216
Decimal	9745880
CIE Lab	72.43, -3.00, -21.25
CIE LCh	72, 21.458, 261.950
Yxy	44.3015, 0.2623, 0.2826
Android (android.graphics.Color)	4287935960 (0xFF94B5D8)
YUV	175.1230, 20.1524, -23.7869
Hunter-Lab	66.5594, -6.2048, -16.9599

Details

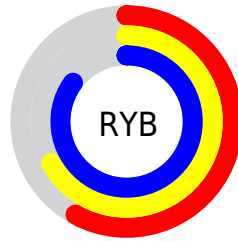
The Yxy color **44.3015, 0.2623, 0.2826** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **50.5542, 0.3713, 0.3712**, and the grayscale version is **42.8359, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.4849, 0.2809, 0.3099**, and **20.4444, 0.2484, 0.2691** is the 20% darker color. If you saturate the color by 10%, you get **38.1400, 0.2459, 0.2649**, and if you desaturate by 10%, it is **51.2016, 0.2788, 0.2989**.

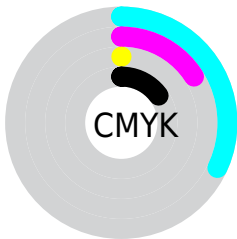
Distribution



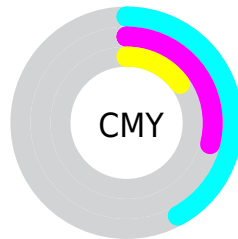
- Red (58%)
- Green (71%)
- Blue (85%)



- Red (58%)
- Yellow (67%)
- Blue (85%)



- Cyan (32%)
- Magenta (16%)
- Yellow (0%)
- Black (15%)



- Cyan (42%)
- Magenta (29%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.3015, 0.2623, 0.2826 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 44.3015, 0.2623, 0.2826 by changing the saturation by 10% instead.

■ 44.3015, 0.2623,
0.2826

■ 44.3015, 0.2623,
0.2826

363.9372, 0.2873,
0.3058

■ 30.9076, 0.2562,
0.2768

■ 81.6712, 0.2713,
0.2910

■ 20.5285, 0.2484,
0.2695

■ 106.4159, 0.2747,
0.2942

■ 12.7798, 0.2381,
0.2597

135.7129, 0.2776,
0.2969

■ 7.2771, 0.2242,
0.2463

169.9466, 0.2801,
0.2992

■ 3.6360, 0.2041,
0.2269

209.5015, 0.2822,
0.3012

■ 1.4721, 0.1734,
0.1965

254.7620, 0.2841,

■ 0.2690, 0.0735,

0.3029

0.1085

306.1124, 0.2858,
0.3045

0.0000, 0.0000,
0.0000

44.3015, 0.2623,
0.2826

44.3015, 0.2623,
0.2826

38.1400, 0.2459,
0.2649

51.2016, 0.2788,
0.2989

32.6827, 0.2299,
0.2459

58.8624, 0.2949,
0.3138

27.8995, 0.2150,
0.2261

67.3116, 0.3104,
0.3271

23.7559, 0.2016,
0.2060

76.5734, 0.3252,
0.3390

20.2130, 0.1902,
0.1860

86.4972, 0.3385,
0.3495

■ 17.2258, 0.1813,
0.1668

■ 93.1043, 0.3368,
0.3601

■ 15.0682, 0.1754,
0.1515

■ 97.7374, 0.3358,
0.3671

Harmonies

Analogous

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



44.3015, 0.2554, 0.2987



44.3015, 0.2623, 0.2826



44.3015, 0.2822, 0.2789

Triad

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



44.3015, 0.2623, 0.2826



44.3015, 0.3651, 0.3297



44.3015, 0.3120, 0.3761

Complementary

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



44.3015, 0.2623, 0.2826



50.5542, 0.3713, 0.3712

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.



44.3015, 0.3420, 0.3835



44.3015, 0.2623, 0.2826



44.3015, 0.3736, 0.3548

Square

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



44.3015, 0.2623, 0.2826



44.3015, 0.3417, 0.3055



44.3015, 0.3648, 0.3749



44.3015, 0.2832, 0.3539

Rectangle

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



44.3015, 0.2623, 0.2826



44.3015, 0.3008, 0.2833



44.3015, 0.3648, 0.3749



44.3015, 0.3223, 0.3804

Sweetspot

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



44.3032, 0.2623, 0.2826



88.6115, 0.2987, 0.3172



58.7716, 0.2876, 0.3740



18.5918, 0.2964, 0.3151



0.0000, 0.0000, 0.0000



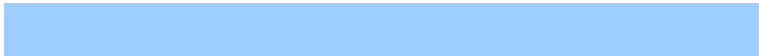
21.4041, 0.3127, 0.3290

Same Dimension

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



44.3032, 0.2623, 0.2826



58.2685, 0.2510, 0.2706



32.4007, 0.2568, 0.2366



12.9956, 0.2982, 0.3167



9.1340, 0.1762, 0.1542



0.7163, 0.1850, 0.1861

Inverse Universe

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



39.0896, 0.3496, 0.2893



50.1664, 0.3608, 0.2805



65.8408, 0.3600, 0.4072



12.5204, 0.3216, 0.3177



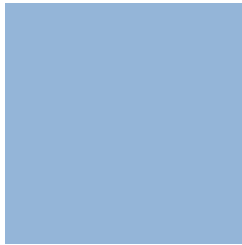
9.2669, 0.5005, 0.2531



0.5756, 0.4613, 0.2315

Previews

White Background



This preview shows how the Yxy color 44.3015, 0.2623, 0.2826 looks on a white background.

Color Contrast Check

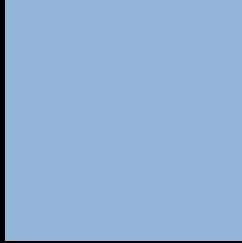
Large Text (above 18pt) WCAG AA × Fail

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 44.3015, 0.2623, 0.2826 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

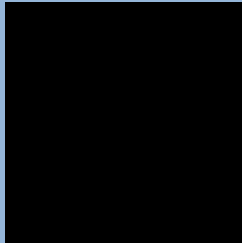
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

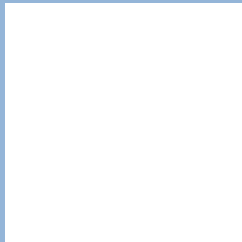
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.3015, 0.2623, 0.2826

Background



This preview shows how black text looks on a background with the Yxy color 44.3015, 0.2623, 0.2826.

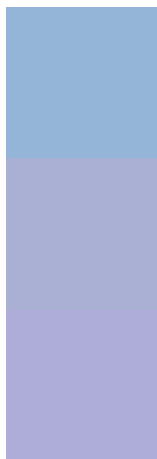


This preview shows how white text looks on a background with the Yxy color 44.3015, 0.2623, 0.2826.

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

44.3015, 0.2623, 0.2826

Protanopia

44.2392, 0.2796, 0.2826

Deuteranopia

43.9478, 0.2791, 0.2722



Tritanopia

44.3338, 0.2708, 0.3083

Trichromacy



Original Color

44.3015, 0.2623, 0.2826

Protanomaly

44.2220, 0.2731, 0.2833

Deuteranomaly

44.0598, 0.2732, 0.2763

Tritanomaly

44.2945, 0.2675, 0.2990

Monochromacy



Original Color

44.3015, 0.2623, 0.2826

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

43.1613, 0.2924, 0.3114

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.3015, 0.2623, 0.2826 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(148, 181, 216)` looks like.

```
.text, #text, p{  
    color:rgb(148, 181, 216)  
}
```

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(148, 181, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 181, 216) }
```

Border

The CSS property to change the border of an element to Yxy 44.3015, 0.2623, 0.2826 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(148, 181, 216) }
```

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

```
.border{ border-color:rgb(148, 181, 216) }
```

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

Here you see how a box with a 4 pixel rgb(148, 181, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 181, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 181, 216);  
box-shadow:4px 4px 4px 4px rgb(148, 181,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 44.3015, 0.2623, 0.2826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 181, 216) }
```

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

```
.background{ background-color: rgb(148,  
181, 216) }
```

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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