

Converting Colors

$Yxy(44.2203, 0.2617, 0.2810)$

Have a look what the booklet for
Yxy(44.2203, 0.2617, 0.2810)
contains.

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Color

Yxy(44.3534, 0.2617, 0.2813)

Conversions

Conversions Part 1

Format	Color
Hex	94B5D9
RGB	148, 181, 217
RGB Percent	58%, 71%, 85%
CMY	0.4196, 0.2902, 0.1489
CMYK	0.32, 0.17, 0.00, 0.15
HSL	211°, 48%, 72%
HSV	211°, 32%, 85%
XYZ	41.2630, 44.3534, 72.0565
YIQ	175.2370, -31.2240, 4.2000

Conversions

Conversions Part 2

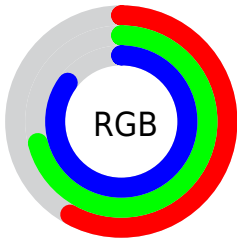
Format	Color
RYB	148, 170, 217
Decimal	9745881
CIELab	72.46, -2.71, -21.76
CIELCh	72, 21.932, 262.893
Yxy	44.3534, 0.2617, 0.2813
Android (android.graphics.Color)	4287935961 (0xFF94B5D9)
YUV	175.2370, 20.5892, -23.8868
Hunter-Lab	66.5983, -5.9521, -17.5304

Details

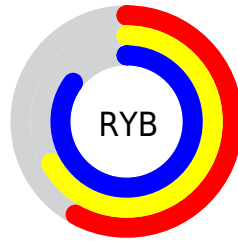
The Yxy color **44.3534, 0.2617, 0.2813** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **51.1868, 0.3718, 0.3723**, and the grayscale version is **42.9029, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.4849, 0.2809, 0.3099**, and **20.4799, 0.2476, 0.2674** is the 20% darker color. If you saturate the color by 10%, you get **38.0968, 0.2452, 0.2632**, and if you desaturate by 10%, it is **51.3675, 0.2782, 0.2980**.

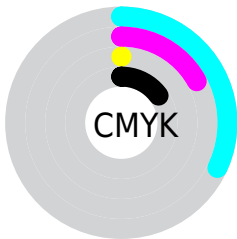
Distribution



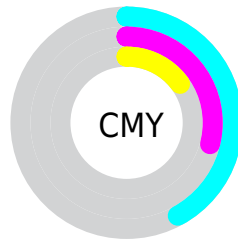
- Red (58%)
- Green (71%)
- Blue (85%)



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



- Cyan (32%)
- Magenta (17%)
- Yellow (0%)
- Black (15%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.3534, 0.2617, 0.2813 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 44.3534, 0.2617, 0.2813 by changing the saturation by 10% instead.

■ 44.3534, 0.2617,
0.2813

■ 44.3534, 0.2617,
0.2813

364.1485, 0.2870,
0.3052

■ 30.9484, 0.2555,
0.2754

■ 81.7493, 0.2708,
0.2899

■ 20.5596, 0.2476,
0.2678

■ 106.5089, 0.2743,
0.2932

■ 12.8025, 0.2373,
0.2579

135.8223, 0.2772,
0.2960

■ 7.2927, 0.2232,
0.2442

170.0738, 0.2797,
0.2983

■ 3.6458, 0.2030,
0.2244

209.6477, 0.2819,
0.3004

■ 1.4775, 0.1721,
0.1937

254.9286, 0.2838,

■ 0.2728, 0.0754,

0.3022

0.1065

306.3007, 0.2855,
0.3037

0.0000, 0.0000,
0.0000

44.3534, 0.2617,
0.2813

44.3534, 0.2617,
0.2813

38.0968, 0.2452,
0.2632

51.3675, 0.2782,
0.2980

32.5622, 0.2292,
0.2439

59.1620, 0.2944,
0.3131

27.7190, 0.2141,
0.2238

67.7652, 0.3100,
0.3267

23.5315, 0.2007,
0.2033

77.2022, 0.3248,
0.3388

19.9596, 0.1893,
0.1831

87.2097, 0.3376,
0.3495

■ 16.9571, 0.1803,
0.1637

■ 94.0010, 0.3360,
0.3604

■ 14.8654, 0.1747,
0.1487

■ 97.7917, 0.3351,
0.3661

Harmonies

Analogous

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



44.3534, 0.2542, 0.2974



44.3534, 0.2617, 0.2813



44.3534, 0.2824, 0.2780

Triad

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



44.3534, 0.2617, 0.2813



44.3534, 0.3667, 0.3305



44.3534, 0.3110, 0.3767

Complementary

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



44.3534, 0.2617, 0.2813



51.1868, 0.3718, 0.3723

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.



44.3534, 0.3417, 0.3848



44.3534, 0.2617, 0.2813



44.3534, 0.3749, 0.3561

Square

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



44.3534, 0.2617, 0.2813



44.3534, 0.3433, 0.3057



44.3534, 0.3654, 0.3764



44.3534, 0.2817, 0.3535

Rectangle

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



44.3534, 0.2617, 0.2813



44.3534, 0.3015, 0.2827



44.3534, 0.3654, 0.3764



44.3534, 0.3215, 0.3813

Sweetspot

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



44.3551, 0.2617, 0.2813



87.2812, 0.2971, 0.3156



59.3865, 0.2866, 0.3729



18.3198, 0.2949, 0.3136



0.0000, 0.0000, 0.0000



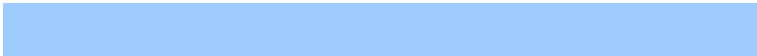
21.4041, 0.3127, 0.3290

Same Dimension

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



44.3551, 0.2617, 0.2813



57.8889, 0.2509, 0.2696



32.5912, 0.2571, 0.2358



13.6391, 0.2982, 0.3165



9.2044, 0.1754, 0.1513



0.7682, 0.1838, 0.1817

Inverse Universe

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



39.2704, 0.3507, 0.2896



50.1281, 0.3615, 0.2812



66.3643, 0.3596, 0.4082



13.1547, 0.3217, 0.3179



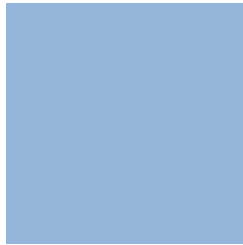
9.5529, 0.5042, 0.2551



0.6362, 0.4665, 0.2343

Previews

White Background



This preview shows how the Yxy color 44.3534, 0.2617, 0.2813 looks on a white background.

Color Contrast Check

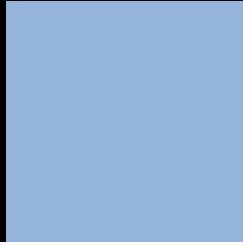
Large Text (above 18pt) WCAG AA × Fail

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 44.3534, 0.2617, 0.2813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

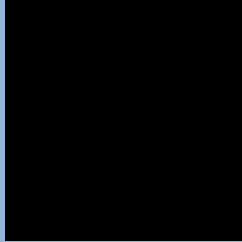
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

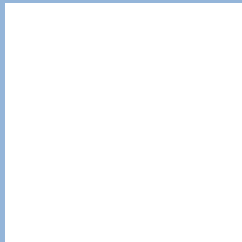
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.3534, 0.2617, 0.2813

Background



This preview shows how black text looks on a background with the Yxy color 44.3534, 0.2617, 0.2813.



This preview shows how white text looks on a background with the Yxy color 44.3534, 0.2617, 0.2813.

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

44.3534, 0.2617, 0.2813

Protanopia

44.2898, 0.2789, 0.2814

Deuteranopia

44.3852, 0.2785, 0.2724



Tritanopia

44.3338, 0.2708, 0.3083

Trichromacy



Original Color

44.3534, 0.2617, 0.2813

Protanomaly

44.2729, 0.2724, 0.2821

Deuteranomaly

44.5056, 0.2726, 0.2764

Tritanomaly

44.3429, 0.2669, 0.2977

Monochromacy



Original Color

44.3534, 0.2617, 0.2813

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 44.3534, 0.2617, 0.2813 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, 217)` looks like.

```
.text, #text, p{  
    color:rgb(148, 181, 217)  
}
```

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, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 181, 217) }
```

Border

The CSS property to change the border of an element to Yxy 44.3534, 0.2617, 0.2813 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, 217) }
```

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

```
.border{ border-color:rgb(148, 181, 217) }
```

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, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 181, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 181, 217);  
box-shadow:4px 4px 4px 4px rgb(148, 181,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 44.3534, 0.2617, 0.2813 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, 217) }
```

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

```
.background{ background-color: rgb(148,  
181, 217) }
```

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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