

Converting Colors

$Yxy(42.9856, 0.2599, 0.2821)$

Have a look what the booklet for
Yxy(42.9856, 0.2599, 0.2821)
contains.

Yxy(42.9349, 0.2598, 0.2818)	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(42.9349, 0.2598, 0.2818)

Conversions

Conversions Part 1

Format	Color
Hex	8FB3D6
RGB	143, 179, 214
RGB Percent	56%, 70%, 84%
CMY	0.4394, 0.2980, 0.1606
CMYK	0.33, 0.16, 0.00, 0.16
HSL	210°, 46%, 70%
HSV	210°, 33%, 84%
XYZ	39.5830, 42.9349, 69.8416
YIQ	172.2260, -32.6910, 3.2530

Conversions

Conversions Part 2

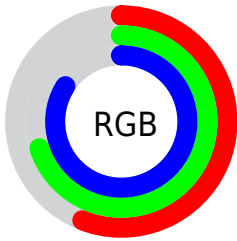
Format	Color
R_{YB}	143, 167, 214
Decimal	9417686
CIE _{Lab}	71.51, -3.81, -21.60
CIE _{LCh}	72, 21.937, 259.988
Yxy	42.9349, 0.2598, 0.2818
Android (android.graphics.Color)	4287607766 (0xFF8FB3D6)
YUV	172.2260, 20.5946, -25.6312
Hunter-Lab	65.5247, -6.8378, -17.3288

Details

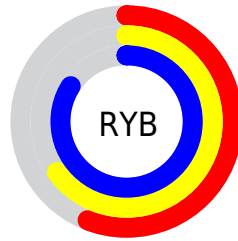
The Yxy color **42.9349, 0.2598, 0.2818** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **48.1173, 0.3756, 0.3718**, and the grayscale version is **41.2791, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.6424, 0.2778, 0.3075**, and **19.5986, 0.2451, 0.2678** is the 20% darker color. If you saturate the color by 10%, you get **37.1381, 0.2436, 0.2646**, and if you desaturate by 10%, it is **49.4229, 0.2761, 0.2977**.

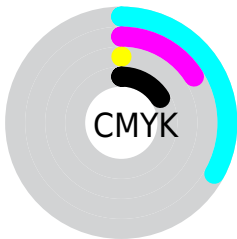
Distribution



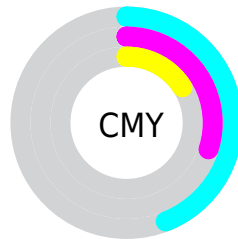
- Red (56%)
- Green (70%)
- Blue (84%)



- Red (56%)
- Yellow (65%)
- Blue (84%)



- Cyan (33%)
- Magenta (16%)
- Yellow (0%)
- Black (16%)



- Cyan (44%)
- Magenta (30%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.9349, 0.2598, 0.2818 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 42.9349, 0.2598, 0.2818 by changing the saturation by 10% instead.

■ 42.9349, 0.2598,
0.2818

■ 42.9349, 0.2598,
0.2818

■ 358.3440, 0.2861,
0.3056

■ 29.8340, 0.2533,
0.2759

■ 79.6126, 0.2693,
0.2905

■ 19.7127, 0.2451,
0.2682

■ 103.9583, 0.2729,
0.2937

■ 12.1863, 0.2342,
0.2581

■ 132.8209, 0.2759,
0.2965

■ 6.8707, 0.2193,
0.2442

■ 166.5851, 0.2786,
0.2988

■ 3.3814, 0.1979,
0.2237

■ 205.6351, 0.2808,
0.3008

■ 1.3339, 0.1651,
0.1916

■ 250.3553, 0.2828,

■ 0.1673, 0.0310,

0.3026

0.0787

301.1301, 0.2846,
0.3042

■ 0.0000, 0.0000,
0.0000

■ 42.9349, 0.2598,
0.2818

■ 42.9349, 0.2598,
0.2818

■ 37.1381, 0.2436,
0.2646

■ 49.4229, 0.2761,
0.2977

■ 31.9994, 0.2281,
0.2464

■ 56.6231, 0.2922,
0.3121

■ 27.4902, 0.2137,
0.2274

■ 64.5617, 0.3078,
0.3251

■ 23.5771, 0.2009,
0.2080

■ 73.2620, 0.3228,
0.3367

■ 20.2225, 0.1902,
0.1889

■ 82.7461, 0.3369,
0.3470

■ 17.3822, 0.1819,
0.1705

■ 89.7953, 0.3389,
0.3570

■ 15.7009, 0.1774,
0.1586

■ 96.2662, 0.3373,
0.3670

■ 97.6368, 0.3369,
0.3690

Harmonies

Analogous

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



42.9349, 0.2536, 0.2992



42.9349, 0.2598, 0.2818



42.9349, 0.2795, 0.2772

Triad

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



42.9349, 0.2598, 0.2818



42.9349, 0.3656, 0.3279



42.9349, 0.3140, 0.3788

Complementary

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



42.9349, 0.2598, 0.2818



48.1173, 0.3756, 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.



42.9349, 0.3448, 0.3853



42.9349, 0.2598, 0.2818



42.9349, 0.3756, 0.3540

Square

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



42.9349, 0.2598, 0.2818



42.9349, 0.3407, 0.3033



42.9349, 0.3676, 0.3753



42.9349, 0.2839, 0.3565

Rectangle

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



42.9349, 0.2598, 0.2818



42.9349, 0.2984, 0.2812



42.9349, 0.3676, 0.3753



42.9349, 0.3246, 0.3829

Sweetspot

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



42.9366, 0.2598, 0.2818



87.7234, 0.2971, 0.3163



57.1332, 0.2871, 0.3784



18.4267, 0.2949, 0.3144



0.0000, 0.0000, 0.0000



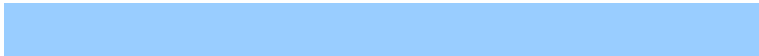
21.4041, 0.3127, 0.3290

Same Dimension

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



42.9366, 0.2598, 0.2818



57.5289, 0.2481, 0.2696



30.6824, 0.2536, 0.2325



13.0395, 0.2982, 0.3172



9.6957, 0.1781, 0.1611



0.7504, 0.1867, 0.1921

Inverse Universe

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



37.1887, 0.3507, 0.2854



48.4375, 0.3622, 0.2758



63.7961, 0.3629, 0.4101



12.5249, 0.3212, 0.3172



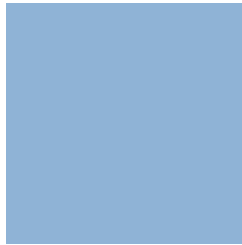
9.3236, 0.4917, 0.2482



0.5791, 0.4543, 0.2276

Previews

White Background



This preview shows how the Yxy color 42.9349, 0.2598, 0.2818 looks on a white background.

Color Contrast Check

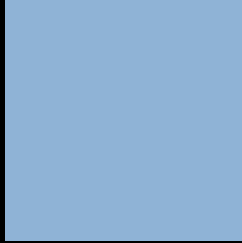
Large Text (above 18pt) WCAG AA × Fail

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 42.9349, 0.2598, 0.2818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

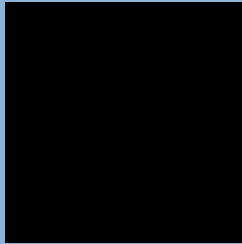
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

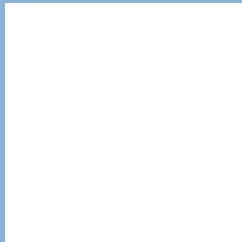
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.9349, 0.2598, 0.2818

Background



This preview shows how black text looks on a background with the Yxy color 42.9349, 0.2598, 0.2818.



This preview shows how white text looks on a background with the Yxy color 42.9349, 0.2598, 0.2818.

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

42.9349, 0.2598, 0.2818

Protanopia

42.7558, 0.2792, 0.2808

Deuteranopia

42.7416, 0.2780, 0.2715



Tritanopia

42.9761, 0.2683, 0.3079

Trichromacy



Original Color

42.9349, 0.2598, 0.2818

Protanomaly

42.6322, 0.2719, 0.2814

Deuteranomaly

42.7555, 0.2713, 0.2755

Tritanomaly

42.9350, 0.2650, 0.2985

Monochromacy



Original Color

42.9349, 0.2598, 0.2818

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.8249, 0.2913, 0.3125

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.9349, 0.2598, 0.2818 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, 179, 214)` looks like.

```
.text, #text, p{  
    color:rgb(143, 179, 214)  
}
```

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, 179, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 179, 214) }
```

Border

The CSS property to change the border of an element to Yxy 42.9349, 0.2598, 0.2818 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, 179, 214) }
```

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

```
.border{ border-color:rgb(143, 179, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 179, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 179, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 179, 214);  
box-shadow:4px 4px 4px 4px rgb(143, 179,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 42.9349, 0.2598, 0.2818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 179, 214) }
```

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

```
.background{ background-color: rgb(143,  
179, 214) }
```

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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