

Converting Colors

$Y_{xy}(43.1895, 0.2587, 0.2815)$

Have a look what the booklet for
Yxy(43.1895, 0.2587, 0.2815)
contains.

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Color

Yxy(43.2996, 0.2587, 0.2819)

Conversions

Conversions Part 1

Format	Color
Hex	8EB4D7
RGB	142, 180, 215
RGB Percent	56%, 71%, 84%
CMY	0.4434, 0.2941, 0.1568
CMYK	0.34, 0.16, 0.00, 0.16
HSL	209°, 48%, 70%
HSV	209°, 34%, 84%
XYZ	39.7361, 43.2996, 70.5634
YIQ	172.6280, -33.8830, 2.8290

Conversions

Conversions Part 2

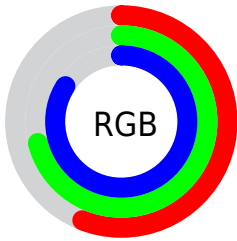
Format	Color
RYB	142, 167, 215
Decimal	9352407
CIELab	71.76, -4.40, -21.77
CIELCh	72, 22.209, 258.578
Yxy	43.2996, 0.2587, 0.2819
Android (android.graphics.Color)	4287542487 (0xFF8EB4D7)
YUV	172.6280, 20.8894, -26.8608
Hunter-Lab	65.8024, -7.3635, -17.5181

Details

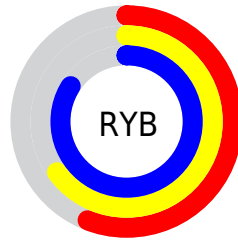
The Yxy color **43.2996, 0.2587, 0.2819** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **47.8227, 0.3778, 0.3716**, and the grayscale version is **41.4905, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.0812, 0.2773, 0.3086**, and **19.8407, 0.2439, 0.2680** is the 20% darker color. If you saturate the color by 10%, you get **37.5748, 0.2427, 0.2651**, and if you desaturate by 10%, it is **49.7036, 0.2749, 0.2974**.

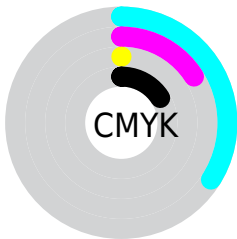
Distribution



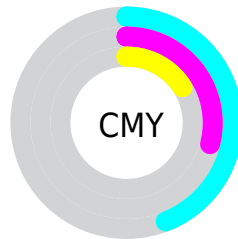
- Red (56%)
- Green (71%)
- Blue (84%)



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



- Cyan (34%)
- Magenta (16%)
- Yellow (0%)
- Black (16%)



- Cyan (44%)
- Magenta (29%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.2996, 0.2587, 0.2819 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 43.2996, 0.2587, 0.2819 by changing the saturation by 10% instead.

■ 43.2996, 0.2587,
0.2819

■ 43.2996, 0.2587,
0.2819

■ 359.8424, 0.2855,
0.3056

■ 30.1203, 0.2521,
0.2760

■ 80.1628, 0.2684,
0.2905

■ 19.9299, 0.2437,
0.2684

■ 104.6154, 0.2720,
0.2938

■ 12.3441, 0.2327,
0.2583

■ 133.5946, 0.2751,
0.2965

■ 6.9785, 0.2177,
0.2444

■ 167.4847, 0.2778,
0.2989

■ 3.4486, 0.1962,
0.2241

■ 206.6701, 0.2801,
0.3009

■ 1.3702, 0.1633,
0.1922

■ 251.5353, 0.2821,

■ 0.1946, 0.0348,

0.3027

0.0873

302.4646, 0.2839,
0.3042

0.0000, 0.0000,
0.0000

43.2996, 0.2587,
0.2819

43.2996, 0.2587,
0.2819

37.5748, 0.2427,
0.2651

49.7036, 0.2749,
0.2974

32.4962, 0.2274,
0.2474

56.8076, 0.2910,
0.3116

28.0354, 0.2133,
0.2289

64.6377, 0.3066,
0.3243

24.1589, 0.2009,
0.2101

73.2169, 0.3217,
0.3357

20.8290, 0.1905,
0.1915

82.5672, 0.3359,
0.3458

■ 18.0012, 0.1826,
0.1736

■ 89.5575, 0.3383,
0.3556

■ 16.5013, 0.1787,
0.1632

■ 95.8555, 0.3368,
0.3654

■ 97.6871, 0.3363,
0.3681

Harmonies

Analogous

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



43.2996, 0.2532, 0.3000



43.2996, 0.2587, 0.2819



43.2996, 0.2780, 0.2767

Triad

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



43.2996, 0.2587, 0.2819



43.2996, 0.3653, 0.3267



43.2996, 0.3155, 0.3800

Complementary

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



43.2996, 0.2587, 0.2819



47.8227, 0.3778, 0.3716

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.



43.2996, 0.3464, 0.3857



43.2996, 0.2587, 0.2819



43.2996, 0.3761, 0.3530

Square

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



43.2996, 0.2587, 0.2819



43.2996, 0.3396, 0.3020



43.2996, 0.3689, 0.3749



43.2996, 0.2849, 0.3581

Rectangle

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



43.2996, 0.2587, 0.2819



43.2996, 0.2968, 0.2803



43.2996, 0.3689, 0.3749



43.2996, 0.3262, 0.3838

Sweetspot

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



43.3013, 0.2587, 0.2819



87.9335, 0.2971, 0.3167



57.4911, 0.2873, 0.3815



18.4775, 0.2949, 0.3148



0.0000, 0.0000, 0.0000



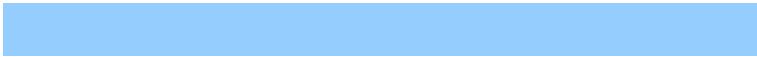
21.4041, 0.3127, 0.3290

Same Dimension

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



43.3013, 0.2587, 0.2819



57.3722, 0.2468, 0.2696



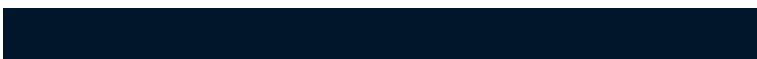
30.7140, 0.2522, 0.2316



13.0685, 0.2982, 0.3175



10.0819, 0.1794, 0.1658



0.7735, 0.1878, 0.1961

Inverse Universe

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



37.0742, 0.3508, 0.2832



47.6206, 0.3625, 0.2730



63.7784, 0.3645, 0.4108



12.5278, 0.3210, 0.3169



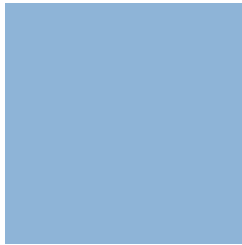
9.3626, 0.4859, 0.2450



0.5814, 0.4497, 0.2251

Previews

White Background



This preview shows how the Yxy color 43.2996, 0.2587, 0.2819 looks on a white background.

Color Contrast Check

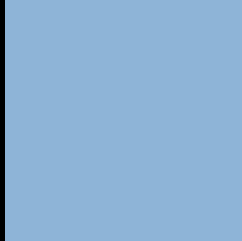
Large Text (above 18pt) WCAG AA × Fail

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 43.2996, 0.2587, 0.2819 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

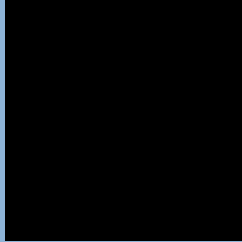
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

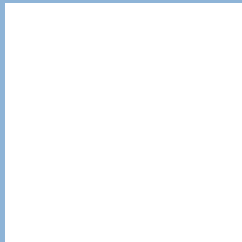
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.2996, 0.2587, 0.2819

Background



This preview shows how black text looks on a background with the Yxy color 43.2996, 0.2587, 0.2819.



This preview shows how white text looks on a background with the Yxy color 43.2996, 0.2587, 0.2819.

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

43.2996, 0.2587, 0.2819

Protanopia

43.1907, 0.2786, 0.2810

Deuteranopia

43.1727, 0.2774, 0.2717



Tritanopia

43.3475, 0.2672, 0.3079

Trichromacy



Original Color

43.2996, 0.2587, 0.2819

Protanomaly

43.0732, 0.2713, 0.2815

Deuteranomaly

43.0914, 0.2700, 0.2756

Tritanomaly

43.3045, 0.2639, 0.2986

Monochromacy



Original Color

43.2996, 0.2587, 0.2819

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

42.3629, 0.2915, 0.3126

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.2996, 0.2587, 0.2819 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(142, 180, 215)` looks like.

```
.text, #text, p{  
    color:rgb(142, 180, 215)  
}
```

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(142, 180, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 180, 215) }
```

Border

The CSS property to change the border of an element to Yxy 43.2996, 0.2587, 0.2819 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(142, 180, 215) }
```

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

```
.border{ border-color:rgb(142, 180, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 180, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(142, 180, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(142, 180, 215); box-shadow:4px 4px 4px 4px rgb(142, 180, 215) }
```


Background

The CSS property to change the background color of an element to Yxy 43.2996, 0.2587, 0.2819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 180, 215) }
```

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

```
.background{ background-color: rgb(142,  
180, 215) }
```

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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