

Converting Colors

$Yxy(43.1161, 0.2747, 0.3015)$

Have a look what the booklet for
Yxy(43.1161, 0.2747, 0.3015)
contains.

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Color

Yxy(42.9896, 0.2746, 0.3003)

Conversions

Conversions Part 1

Format	Color
Hex	97B3C8
RGB	151, 179, 200
RGB Percent	59%, 70%, 78%
CMY	0.4077, 0.2980, 0.2158
CMYK	0.24, 0.10, 0.00, 0.22
HSL	206°, 31%, 69%
HSV	206°, 24%, 78%
XYZ	39.3105, 42.9896, 60.8554
YIQ	173.0220, -23.4290, 0.5950

Conversions

Conversions Part 2

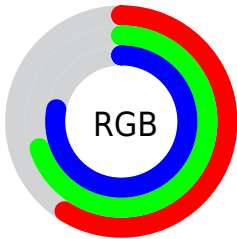
Format	Color
RYB	151, 169, 200
Decimal	9941960
CIELab	71.55, -4.83, -13.80
CIELCh	72, 14.621, 250.699
Yxy	42.9896, 0.2746, 0.3003
Android (android.graphics.Color)	4288132040 (0xFF97B3C8)
YUV	173.0220, 13.3002, -19.3133
Hunter-Lab	65.5665, -7.7213, -9.1334

Details

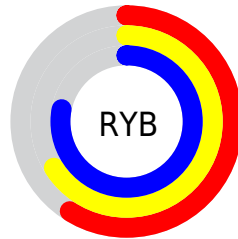
The Yxy color $42.9896, 0.2746, 0.3003$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $44.0235, 0.3571, 0.3560$, and the grayscale version is $41.7443, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.7585, 0.2825, 0.3078$, and $19.6497, 0.2637, 0.2911$ is the 20% darker color. If you saturate the color by 10%, you get $37.9067, 0.2588, 0.2865$, and if you desaturate by 10%, it is $48.6142, 0.2904, 0.3129$.

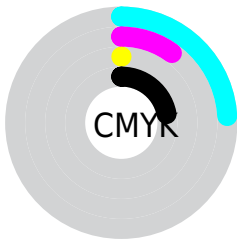
Distribution



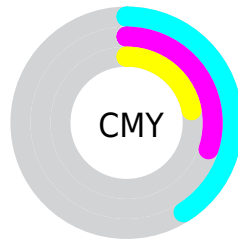
- Red (59%)
- Green (70%)
- Blue (78%)



- Red (59%)
- Yellow (66%)
- Blue (78%)



- Cyan (24%)
- Magenta (10%)
- Yellow (0%)
- Black (22%)





- Cyan (41%)
- Magenta (30%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.9896, 0.2746, 0.3003 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 42.9896, 0.2746, 0.3003 by changing the saturation by 10% instead.

 42.9896, 0.2746,
0.3003


 42.9896, 0.2746,
0.3003


358.5690, 0.2937,
0.3149

 29.8770, 0.2698,
0.2966


 79.6952, 0.2815,
0.3057

 19.7452, 0.2637,
0.2918


 104.0569, 0.2841,
0.3077

 12.2100, 0.2556,
0.2853


132.9371, 0.2863,
0.3094

 6.8868, 0.2443,
0.2761

166.7201, 0.2882,
0.3108

 3.3914, 0.2277,
0.2623

205.7905, 0.2899,
0.3120

 1.3393, 0.2008,
0.2393

250.5324, 0.2913,

 0.1714, 0.0325,

0.3131

0.1242

301.3305, 0.2926,
0.3141

0.0000, 0.0000,
0.0000

42.9896, 0.2746,
0.3003

42.9896, 0.2746,
0.3003

37.9067, 0.2588,
0.2865

48.6142, 0.2904,
0.3129

33.3401, 0.2435,
0.2717

54.7942, 0.3059,
0.3243

29.2697, 0.2289,
0.2560

61.5494, 0.3210,
0.3345

25.6719, 0.2156,
0.2396

68.8966, 0.3354,
0.3436

22.5204, 0.2040,
0.2229

76.8521, 0.3490,
0.3516

■ 19.7855, 0.1945,
0.2063

■ 82.2646, 0.3503,
0.3598

■ 17.4317, 0.1871,
0.1901

■ 87.1660, 0.3485,
0.3681

■ 16.2605, 0.1837,
0.1814

■ 92.3055, 0.3468,
0.3762

■ 96.9491, 0.3454,
0.3830

Harmonies

Analogous

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



42.9896, 0.2735, 0.3147



42.9896, 0.2746, 0.3003



42.9896, 0.2855, 0.2940

Triad

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



42.9896, 0.2746, 0.3003



42.9896, 0.3436, 0.3232



42.9896, 0.3205, 0.3641

Complementary

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



42.9896, 0.2746, 0.3003



44.0235, 0.3571, 0.3560

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.



42.9896, 0.3399, 0.3654



42.9896, 0.2746, 0.3003



42.9896, 0.3536, 0.3411

Square

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



42.9896, 0.2746, 0.3003



42.9896, 0.3252, 0.3072



42.9896, 0.3521, 0.3566



42.9896, 0.2995, 0.3524

Rectangle

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



42.9896, 0.2746, 0.3003



42.9896, 0.2972, 0.2948



42.9896, 0.3521, 0.3566



42.9896, 0.3274, 0.3658

Sweetspot

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



42.9913, 0.2746, 0.3003



91.9850, 0.3019, 0.3214



50.8379, 0.2956, 0.3682



19.5457, 0.3009, 0.3207



0.0000, 0.0000, 0.0000



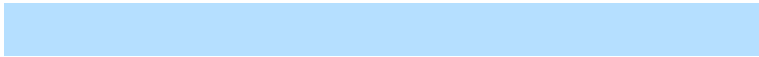
21.4041, 0.3127, 0.3290

Same Dimension

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



42.9913, 0.2746, 0.3003



69.9851, 0.2668, 0.2936



34.2330, 0.2717, 0.2663



11.2765, 0.2983, 0.3189



10.5223, 0.1844, 0.1836



0.6400, 0.1936, 0.2170

Inverse Universe

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



37.6760, 0.3352, 0.2935



59.6719, 0.3410, 0.2861



53.9465, 0.3504, 0.3848



10.7368, 0.3202, 0.3159



8.6022, 0.4642, 0.2331



0.4216, 0.4265, 0.2123

Previews

White Background



This preview shows how the Yxy color 42.9896, 0.2746, 0.3003 looks on a white background.

Color Contrast Check

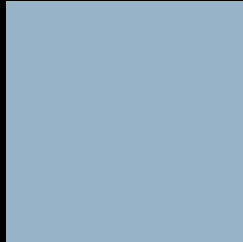
Large Text (above 18pt) WCAG AA × Fail

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 42.9896, 0.2746, 0.3003 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

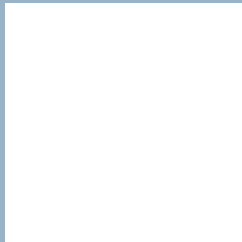
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.9896, 0.2746, 0.3003

Background



This preview shows how black text looks on a background with the Yxy color 42.9896, 0.2746, 0.3003.



This preview shows how white text looks on a background with the Yxy color 42.9896, 0.2746, 0.3003.

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

42.9896, 0.2746, 0.3003

Protanopia

43.0283, 0.2936, 0.2999

Deuteranopia

42.9738, 0.2947, 0.2891



Tritanopia

43.0216, 0.2780, 0.3096

Trichromacy



Original Color

42.9896, 0.2746, 0.3003

Protanomaly

42.9744, 0.2864, 0.3008

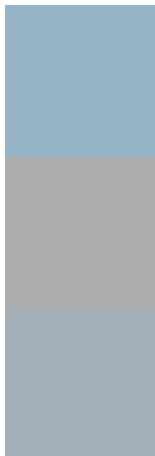
Deuteranomaly

42.9242, 0.2874, 0.2934

Tritanomaly

43.1121, 0.2767, 0.3069

Monochromacy



Original Color

42.9896, 0.2746, 0.3003

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

42.0782, 0.2977, 0.3180

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.9896, 0.2746, 0.3003 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(151, 179, 200)` looks like.

```
.text, #text, p{  
    color:rgb(151, 179, 200)  
}
```

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(151, 179, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 179, 200) }
```

Border

The CSS property to change the border of an element to Yxy 42.9896, 0.2746, 0.3003 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(151, 179, 200) }
```

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

```
.border{ border-color:rgb(151, 179, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 179, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 179, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 179, 200);  
box-shadow:4px 4px 4px 4px rgb(151, 179,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 42.9896, 0.2746, 0.3003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 179, 200) }
```

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

```
.background{ background-color: rgb(151,  
179, 200) }
```

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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