

Converting Colors

$Yxy(42.7784, 0.2703, 0.2994)$

Have a look what the booklet for
Yxy(42.7784, 0.2703, 0.2994)
contains.

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Color

Yxy(42.9706, 0.2704, 0.3001)

Conversions

Conversions Part 1

Format	Color
Hex	92B4C9
RGB	146, 180, 201
RGB Percent	57%, 71%, 79%
CMY	0.4274, 0.2941, 0.2118
CMYK	0.27, 0.10, 0.00, 0.21
HSL	203°, 34%, 68%
HSV	203°, 27%, 79%
XYZ	38.7179, 42.9706, 61.4991
YIQ	172.2280, -27.0050, -0.6770

Conversions

Conversions Part 2

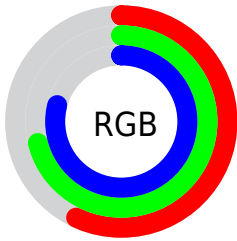
Format	Color
R _Y B	146, 167, 201
Decimal	9614537
CIE Lab	71.54, -6.66, -14.40
CIE LCh	72, 15.865, 245.185
Yxy	42.9706, 0.2704, 0.3001
Android (android.graphics.Color)	4287804617 (0xFF92B4C9)
YUV	172.2280, 14.1846, -23.0020
Hunter-Lab	65.5520, -9.2858, -9.7379

Details

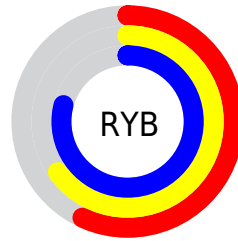
The Yxy color $42.9706, 0.2704, 0.3001$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $42.1262, 0.3643, 0.3562$, and the grayscale version is $41.3153, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.6284, 0.2797, 0.3087$, and $19.6650, 0.2584, 0.2908$ is the 20% darker color. If you saturate the color by 10%, you get $38.2772, 0.2551, 0.2876$, and if you desaturate by 10%, it is $48.1627, 0.2860, 0.3116$.

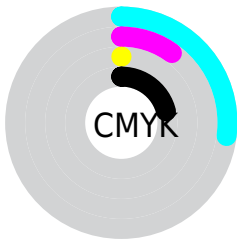
Distribution



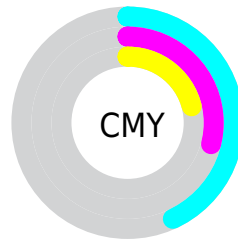
- Red (57%)
- Green (71%)
- Blue (79%)



- Red (57%)
- Yellow (65%)
- Blue (79%)



- Cyan (27%)
- Magenta (10%)
- Yellow (0%)
- Black (21%)



- Cyan (43%)
- Magenta (29%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.9706, 0.2704, 0.3001 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 42.9706, 0.2704, 0.3001 by changing the saturation by 10% instead.

■ 42.9706, 0.2704,
0.3001

■ 42.9706, 0.2704,
0.3001

■ 358.4908, 0.2915,
0.3149

■ 29.8620, 0.2651,
0.2963

■ 79.6665, 0.2781,
0.3055

■ 19.7339, 0.2584,
0.2914

■ 104.0226, 0.2810,
0.3076

■ 12.2018, 0.2495,
0.2848

■ 132.8967, 0.2834,
0.3093

■ 6.8812, 0.2371,
0.2755

■ 166.6732, 0.2855,
0.3107

■ 3.3879, 0.2189,
0.2613

■ 205.7365, 0.2873,
0.3120

■ 1.3375, 0.1899,
0.2375

■ 250.4709, 0.2889,

■ 0.1699, 0.0000,

0.3131

0.1231

301.2609, 0.2903,
0.3140

0.0000, 0.0000,
0.0000

42.9706, 0.2704,
0.3001

42.9706, 0.2704,
0.3001

38.2772, 0.2551,
0.2876

48.1627, 0.2860,
0.3116

34.0576, 0.2405,
0.2743

53.8666, 0.3015,
0.3220

30.2922, 0.2269,
0.2602

60.1015, 0.3167,
0.3314

26.9576, 0.2147,
0.2457

66.8837, 0.3315,
0.3398

24.0277, 0.2044,
0.2309

74.2288, 0.3456,
0.3472

■ 21.4725, 0.1961,
0.2162

■ 79.8837, 0.3505,
0.3545

■ 19.2510, 0.1899,
0.2019

■ 84.1500, 0.3489,
0.3620

■ 18.6999, 0.1884,
0.1981

■ 88.6053, 0.3474,
0.3693

■ 93.2520, 0.3459,
0.3765

Harmonies

Analogous

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



42.9706, 0.2713, 0.3170



42.9706, 0.2704, 0.3001



42.9706, 0.2803, 0.2916

Triad

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



42.9706, 0.2704, 0.3001



42.9706, 0.3431, 0.3192



42.9706, 0.3253, 0.3684

Complementary

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



42.9706, 0.2704, 0.3001



42.1262, 0.3643, 0.3562

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.



42.9706, 0.3453, 0.3675



42.9706, 0.2704, 0.3001



42.9706, 0.3560, 0.3385

Square

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



42.9706, 0.2704, 0.3001



42.9706, 0.3220, 0.3028



42.9706, 0.3568, 0.3562



42.9706, 0.3024, 0.3576

Rectangle

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



42.9706, 0.2704, 0.3001



42.9706, 0.2920, 0.2913



42.9706, 0.3568, 0.3562



42.9706, 0.3326, 0.3694

Sweetspot

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



42.9723, 0.2704, 0.3001



91.4666, 0.3003, 0.3212



50.6362, 0.2955, 0.3776



19.2485, 0.2979, 0.3197



0.0000, 0.0000, 0.0000



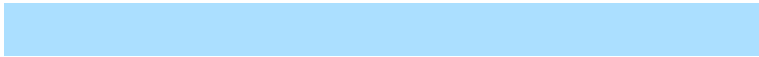
21.4041, 0.3127, 0.3290

Same Dimension

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



42.9723, 0.2704, 0.3001



68.5738, 0.2610, 0.2926



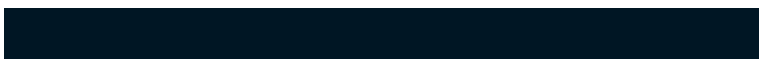
33.2245, 0.2666, 0.2617



11.3612, 0.2984, 0.3200



11.9418, 0.1889, 0.2001



0.7022, 0.1972, 0.2300

Inverse Universe

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



36.2733, 0.3359, 0.2860



55.6506, 0.3427, 0.2761



52.9195, 0.3558, 0.3884



10.7453, 0.3195, 0.3148



8.7455, 0.4451, 0.2226



0.4279, 0.4127, 0.2047

Previews

White Background



This preview shows how the Yxy color 42.9706, 0.2704, 0.3001 looks on a white background.

Color Contrast Check

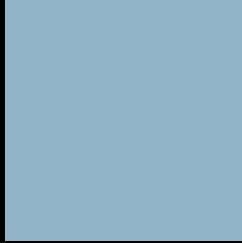
Large Text (above 18pt) WCAG AA × Fail

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 42.9706, 0.2704, 0.3001 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

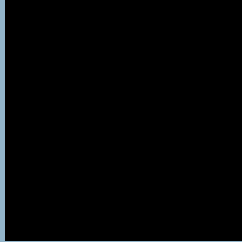
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

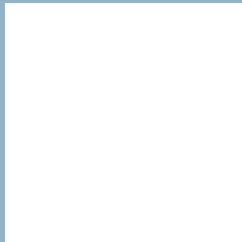
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.9706, 0.2704, 0.3001

Background



This preview shows how black text looks on a background with the Yxy color 42.9706, 0.2704, 0.3001.



This preview shows how white text looks on a background with the Yxy color 42.9706, 0.2704, 0.3001.

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

42.9706, 0.2704, 0.3001

Protanopia

42.5763, 0.2920, 0.2973

Deuteranopia

42.9026, 0.2931, 0.2878



Tritanopia

43.0076, 0.2738, 0.3094

Trichromacy



Original Color

42.9706, 0.2704, 0.3001

Protanomaly

42.8093, 0.2841, 0.2994

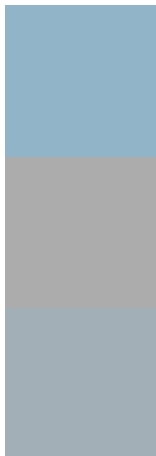
Deuteranomaly

42.6434, 0.2842, 0.2919

Tritanomaly

43.0987, 0.2724, 0.3067

Monochromacy



Original Color

42.9706, 0.2704, 0.3001

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.8654, 0.2960, 0.3179

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.9706, 0.2704, 0.3001 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(146, 180, 201)` looks like.

```
.text, #text, p{  
    color:rgb(146, 180, 201)  
}
```

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(146, 180, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 180, 201) }
```

Border

The CSS property to change the border of an element to Yxy 42.9706, 0.2704, 0.3001 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(146, 180, 201) }
```

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

```
.border{ border-color:rgb(146, 180, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 180, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 180, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 180, 201);  
box-shadow:4px 4px 4px 4px rgb(146, 180,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 42.9706, 0.2704, 0.3001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 180, 201) }
```

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

```
.background{ background-color: rgb(146,  
180, 201) }
```

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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