

Converting Colors

$Yxy(42.2128, 0.2900, 0.3206)$

Have a look what the booklet for
Yxy(42.2128, 0.2900, 0.3206)
contains.

Yxy(42.3694, 0.2897, 0.3206)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(42.3694, 0.2897, 0.3206)

Conversions

Conversions Part 1

Format	Color
Hex	9CB2B8
RGB	156, 178, 184
RGB Percent	61%, 70%, 72%
CMY	0.3881, 0.3020, 0.2785
CMYK	0.15, 0.03, 0.00, 0.28
HSL	193°, 16%, 67%
HSV	193°, 15%, 72%
XYZ	38.2858, 42.3694, 51.5014
YIQ	172.1060, -15.0380, -2.7980

Conversions

Conversions Part 2

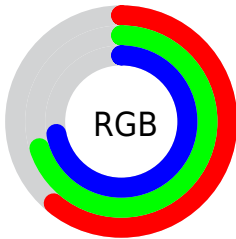
Format	Color
RYB	156, 168, 184
Decimal	10269368
CIELab	71.12, -6.27, -5.61
CIELCh	71, 8.420, 221.820
Yxy	42.3694, 0.2897, 0.3206
Android (android.graphics.Color)	4288459448 (0xFF9CB2B8)
YUV	172.1060, 5.8637, -14.1250
Hunter-Lab	65.0918, -8.9203, -1.3467

Details

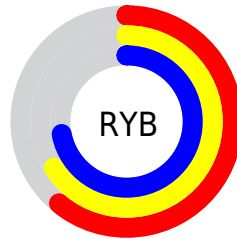
The Yxy color **42.3694, 0.2897, 0.3206** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.4396, 0.3395, 0.3373**, and the grayscale version is **41.2899, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.9858, 0.2941, 0.3225**, and **19.2490, 0.2825, 0.3173** is the 20% darker color. If you saturate the color by 10%, you get **39.1253, 0.2750, 0.3144**, and if you desaturate by 10%, it is **45.9402, 0.3048, 0.3263**.

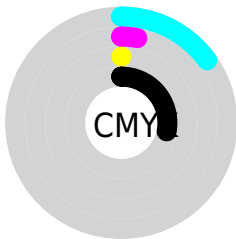
Distribution



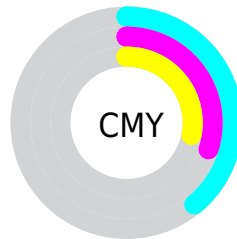
- Red (61%)
- Green (70%)
- Blue (72%)



- Red (61%)
- Yellow (66%)
- Blue (72%)



- Cyan (15%)
- Magenta (3%)
- Yellow (0%)
- Black (28%)





- Cyan (39%)
- Magenta (30%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.3694, 0.2897, 0.3206 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 42.3694, 0.2897, 0.3206 by changing the saturation by 10% instead.

 42.3694, 0.2897,
0.3206

 42.3694, 0.2897,
0.3206


356.0120, 0.3013,
0.3250

 29.3907, 0.2868,
0.3195


 78.7584, 0.2939,
0.3222

 19.3765, 0.2830,
0.3180


 102.9374, 0.2955,
0.3228

 11.9427, 0.2779,
0.3159


131.6187, 0.2969,
0.3233

 6.7047, 0.2707,
0.3129

165.1865, 0.2980,
0.3238

 3.2781, 0.2598,
0.3082

204.0254, 0.2990,
0.3241

 1.2786, 0.2415,
0.2998

248.5197, 0.2999,

 0.1245, 0.0000,

0.3244

0.1908

299.0537, 0.3006,
0.3247

0.0000, 0.0000,
0.0000

42.3694, 0.2897,
0.3206

42.3694, 0.2897,
0.3206

39.1253, 0.2750,
0.3144

45.9402, 0.3048,
0.3263

36.1897, 0.2610,
0.3078

49.8445, 0.3200,
0.3314

33.5506, 0.2480,
0.3007

54.0954, 0.3352,
0.3360

31.1932, 0.2363,
0.2933

58.7037, 0.3500,
0.3401

29.1009, 0.2262,
0.2856

63.6796, 0.3644,
0.3437

■ 27.2552, 0.2179,
0.2778

■ 66.8013, 0.3690,
0.3475

■ 25.6349, 0.2115,
0.2700

■ 68.6715, 0.3679,
0.3515

■ 24.2140, 0.2070,
0.2622

■ 70.5894, 0.3668,
0.3555

■ 23.5753, 0.2052,
0.2585

■ 72.5552, 0.3657,
0.3595

Harmonies

Analogous

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



42.3694, 0.2948, 0.3316



42.3694, 0.2897, 0.3206



42.3694, 0.2906, 0.3122

Triad

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



42.3694, 0.2897, 0.3206



42.3694, 0.3205, 0.3165



42.3694, 0.3282, 0.3501

Complementary

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



42.3694, 0.2897, 0.3206



38.4396, 0.3395, 0.3373

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.



42.3694, 0.3353, 0.3455



42.3694, 0.2897, 0.3206



42.3694, 0.3308, 0.3261

Square

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



42.3694, 0.2897, 0.3206



42.3694, 0.3082, 0.3101



42.3694, 0.3363, 0.3367



42.3694, 0.3169, 0.3489

Rectangle

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



42.3694, 0.2897, 0.3206



42.3694, 0.2945, 0.3091



42.3694, 0.3363, 0.3367



42.3694, 0.3311, 0.3491

Sweetspot

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



42.3712, 0.2897, 0.3206



83.3653, 0.3050, 0.3263



43.9431, 0.3066, 0.3608



17.8703, 0.3039, 0.3260



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



42.3712, 0.2897, 0.3206



74.9294, 0.2851, 0.3187



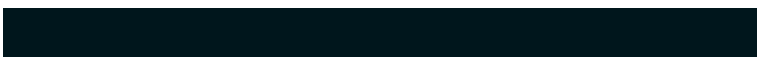
37.2325, 0.2890, 0.3012



9.8751, 0.2985, 0.3240



16.3559, 0.2054, 0.2595



0.6594, 0.2110, 0.2794

Inverse Universe

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



37.1909, 0.3199, 0.2997



63.9417, 0.3216, 0.2935



43.4855, 0.3368, 0.3553



9.1289, 0.3169, 0.3112



8.4335, 0.3829, 0.1883



0.3057, 0.3640, 0.1779

Previews

White Background



This preview shows how the Yxy color 42.3694, 0.2897, 0.3206 looks on a white background.

Color Contrast Check

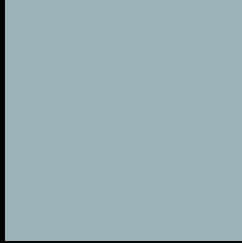
Large Text (above 18pt) WCAG AA × Fail

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 42.3694, 0.2897, 0.3206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

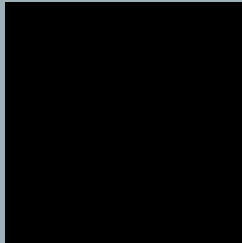
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

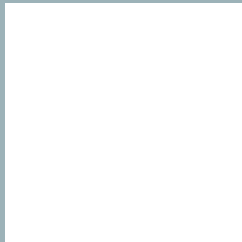
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.3694, 0.2897, 0.3206

Background



This preview shows how black text looks on a background with the Yxy color 42.3694, 0.2897, 0.3206.



This preview shows how white text looks on a background with the Yxy color 42.3694, 0.2897, 0.3206.

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

42.3694, 0.2897, 0.3206

Protanopia

42.3373, 0.3079, 0.3183

Deuteranopia

42.2354, 0.3129, 0.3069



Tritanopia

42.3740, 0.2853, 0.3097

Trichromacy



Original Color

42.3694, 0.2897, 0.3206

Protanomaly

42.3622, 0.3010, 0.3194

Deuteranomaly

42.0065, 0.3039, 0.3116

Tritanomaly

42.2432, 0.2875, 0.3138

Monochromacy



Original Color

42.3694, 0.2897, 0.3206

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.5137, 0.3041, 0.3262

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.3694, 0.2897, 0.3206 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(156, 178, 184)` looks like.

```
.text, #text, p{  
    color:rgb(156, 178, 184)  
}
```

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(156, 178, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 178, 184) }
```

Border

The CSS property to change the border of an element to Yxy 42.3694, 0.2897, 0.3206 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(156, 178, 184) }
```

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

```
.border{ border-color:rgb(156, 178, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 178, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 178, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 178, 184);  
box-shadow:4px 4px 4px 4px rgb(156, 178,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 42.3694, 0.2897, 0.3206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 178, 184) }
```

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

```
.background{ background-color: rgb(156,  
178, 184) }
```

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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