

Converting Colors

$Yxy(42.7194, 0.2848, 0.4027)$

Have a look what the booklet for
Yxy(42.7194, 0.2848, 0.4027)
contains.

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Color

Yxy(42.5902, 0.2847, 0.4029)

Conversions

Conversions Part 1

Format	Color
Hex	6EBF90
RGB	110, 191, 144
RGB Percent	43%, 75%, 56%
CMY	0.5686, 0.2510, 0.4353
CMYK	0.42, 0.00, 0.25, 0.25
HSL	145°, 39%, 59%
HSV	145°, 42%, 75%
XYZ	30.0954, 42.5902, 33.0235
YIQ	161.4230, -33.1890, -31.7890

Conversions

Conversions Part 2

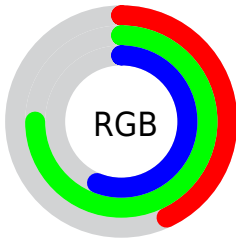
Format	Color
RYB	110, 167, 191
Decimal	7258000
CIELab	71.28, -35.40, 16.10
CIElCh	71, 38.886, 155.540
Yxy	42.5902, 0.2847, 0.4029
Android (android.graphics.Color)	4285448080 (0xFF6EBF90)
YUV	161.4230, -8.5895, -45.0980
Hunter-Lab	65.2612, -31.8912, 15.6808

Details

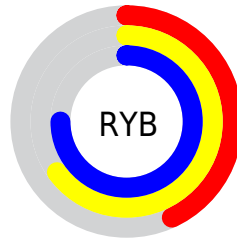
The Yxy color **42.5902, 0.2847, 0.4029** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **24.6622, 0.3575, 0.2660**, and the grayscale version is **35.9008, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.2114, 0.2905, 0.3881**, and **19.5224, 0.2756, 0.4287** is the 20% darker color. If you saturate the color by 10%, you get **41.1736, 0.2800, 0.4244**, and if you desaturate by 10%, it is **44.3076, 0.2905, 0.3827**.

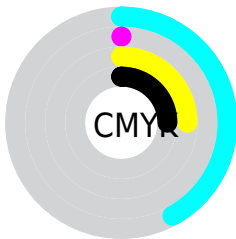
Distribution



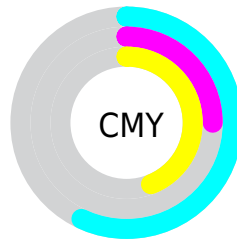
- Red (43%)
- Green (75%)
- Blue (56%)



- Red (43%)
- Yellow (65%)
- Blue (75%)



- Cyan (42%)
- Magenta (0%)
- Yellow (25%)
- Black (25%)




- Cyan (57%)
- Magenta (25%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.5902, 0.2847, 0.4029 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 42.5902, 0.2847, 0.4029 by changing the saturation by 10% instead.

 42.5902, 0.2847,
0.4029


 42.5902, 0.2847,
0.4029

356.9237, 0.2998,
0.3636


 29.5637, 0.2806,
0.4135


 79.0921, 0.2904,
0.3880


 19.5077, 0.2750,
0.4276


 103.3363, 0.2925,
0.3827

 12.0377, 0.2672,
0.4473


 132.0885, 0.2942,
0.3782

 6.7693, 0.2555,
0.4764

 165.7331, 0.2957,
0.3744

 3.3183, 0.2360,
0.5239

204.6546, 0.2969,
0.3711

 1.3001, 0.1737,
0.7005

249.2372, 0.2980,

 0.1413, 0.0000,

0.3683

1.0000

299.8655, 0.2990,
0.3658

0.0000, 0.0000,
0.0000

42.5902, 0.2847,
0.4029

42.5902, 0.2847,
0.4029

41.1736, 0.2800,
0.4244

44.3076, 0.2905,
0.3827

40.0345, 0.2767,
0.4468

46.3371, 0.2969,
0.3642

39.1545, 0.2750,
0.4694

48.6956, 0.3039,
0.3474


38.5105, 0.2752,
0.4915


51.3975, 0.3110,
0.3324

38.0752, 0.2773,
0.5124

54.4562, 0.3181,
0.3190

 37.8453, 0.2797,
0.5270

 57.8842, 0.3252,
0.3073

 61.6938, 0.3320,
0.2970

 64.3866, 0.3324,
0.2871

 65.0387, 0.3239,
0.2766

Harmonies

Analogous

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



42.5902, 0.3394, 0.4300



42.5902, 0.2847, 0.4029



42.5902, 0.2401, 0.3498

Triad

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



42.5902, 0.2847, 0.4029



42.5902, 0.2364, 0.2414



42.5902, 0.4206, 0.3473

Complementary

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



42.5902, 0.2847, 0.4029



24.6622, 0.3575, 0.2660

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.



42.5902, 0.3882, 0.3045



42.5902, 0.2847, 0.4029



42.5902, 0.2787, 0.2461

Square

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



42.5902, 0.2847, 0.4029



42.5902, 0.2145, 0.2574



42.5902, 0.3345, 0.2687



42.5902, 0.4202, 0.3899

Rectangle

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



42.5902, 0.2847, 0.4029



42.5902, 0.2212, 0.3122



42.5902, 0.3345, 0.2687



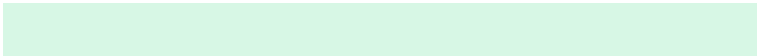
42.5902, 0.4132, 0.3327

Sweetspot

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



42.5919, 0.2847, 0.4029



86.8525, 0.3033, 0.3487



45.5823, 0.3448, 0.4440



18.8555, 0.3017, 0.3523



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



42.5919, 0.2847, 0.4029



73.8779, 0.2802, 0.4231



44.0493, 0.2595, 0.3388



10.7143, 0.3060, 0.3426



24.8857, 0.2790, 0.5245



0.9879, 0.2655, 0.4758

Inverse Universe

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



24.6622, 0.3575, 0.2660



37.4739, 0.3720, 0.2529



23.5066, 0.4119, 0.3200



9.6267, 0.3200, 0.3158



8.0470, 0.4602, 0.2309



0.3280, 0.4183, 0.2078

Previews

White Background



This preview shows how the Yxy color 42.5902, 0.2847, 0.4029 looks on a white background.

Color Contrast Check

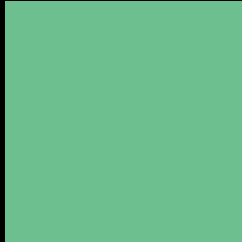
Large Text (above 18pt) WCAG AA × Fail

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 42.5902, 0.2847, 0.4029 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

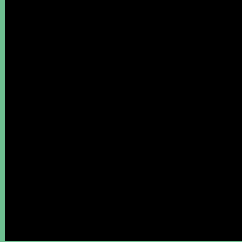
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.5902, 0.2847, 0.4029

Background



This preview shows how black text looks on a background with the Yxy color 42.5902, 0.2847, 0.4029.



This preview shows how white text looks on a background with the Yxy color 42.5902, 0.2847, 0.4029.

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

42.5902, 0.2847, 0.4029

Protanopia

41.9790, 0.3559, 0.3792

Deuteranopia

41.9495, 0.3596, 0.3525



Tritanopia

42.6155, 0.2570, 0.3074

Trichromacy



Original Color

42.5902, 0.2847, 0.4029



Protanomaly

41.7757, 0.3263, 0.3886



Deuteranomaly

41.3727, 0.3286, 0.3702



Tritanomaly

42.6469, 0.2667, 0.3408

Monochromacy



Original Color

42.5902, 0.2847, 0.4029



Achromatopsia

35.6400, 0.3127, 0.3290



Achromatomaly

37.6224, 0.3001, 0.3548

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.5902, 0.2847, 0.4029 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(110, 191, 144)` looks like.

```
.text, #text, p{  
    color:rgb(110, 191, 144)  
}
```

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(110, 191, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 191, 144) }
```

Border

The CSS property to change the border of an element to Yxy 42.5902, 0.2847, 0.4029 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(110, 191, 144) }
```

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

```
.border{ border-color:rgb(110, 191, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 191, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 191, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 191, 144);  
box-shadow:4px 4px 4px 4px rgb(110, 191,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 42.5902, 0.2847, 0.4029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 191, 144) }
```

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

```
.background{ background-color: rgb(110,  
191, 144) }
```

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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