

Converting Colors

$Y_{xy}(30.4837, 0.2620, 0.2587)$

Have a look what the booklet for
Yxy(30.4837, 0.2620, 0.2587)
contains.

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Color

Yxy(30.4837, 0.2620, 0.2587)

Conversions

Conversions Part 1

Format	Color
Hex	8994C4
RGB	137, 148, 196
RGB Percent	54%, 58%, 77%
CMY	0.4626, 0.4196, 0.2314
CMYK	0.30, 0.24, 0.00, 0.23
HSL	229°, 33%, 65%
HSV	229°, 30%, 77%
XYZ	30.8726, 30.4837, 56.4779
YIQ	150.1830, -21.9640, 12.5960

Conversions

Conversions Part 2

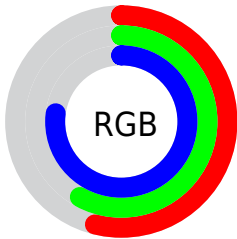
Format	Color
R_{YB}	137, 146, 196
Decimal	9016516
CIE Lab	62.07, 7.20, -26.09
CIE LCh	62, 27.067, 285.417
Yxy	30.4837, 0.2620, 0.2587
Android (android.graphics.Color)	4287206596 (0xFF8994C4)
YUV	150.1830, 22.5878, -11.5615
Hunter-Lab	55.2120, 3.1896, -22.0009

Details

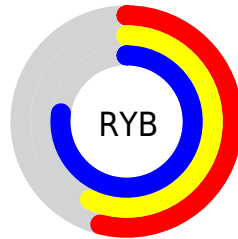
The Yxy color $30.4837, 0.2620, 0.2587$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $48.2498, 0.3614, 0.3906$, and the grayscale version is $30.4924, 0.3127, 0.3290$.

A 20% lighter version of the original color is $60.5394, 0.2722, 0.2720$, and $12.6197, 0.2454, 0.2383$ is the 20% darker color. If you saturate the color by 10%, you get $24.3114, 0.2428, 0.2305$, and if you desaturate by 10%, it is $37.6490, 0.2802, 0.2847$.

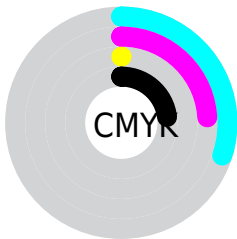
Distribution



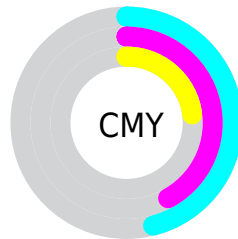
- Red (54%)
- Green (58%)
- Blue (77%)



- Red (54%)
- Yellow (57%)
- Blue (77%)



- Cyan (30%)
- Magenta (24%)
- Yellow (0%)
- Black (23%)



- Cyan (46%)
- Magenta (42%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.4837, 0.2620, 0.2587 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 30.4837, 0.2620, 0.2587 by changing the saturation by 10% instead.

■ 30.4837, 0.2620,
0.2587

■ 30.4837, 0.2620,
0.2587

■ 304.1526, 0.2889,
0.2950

■ 20.2060, 0.2549,
0.2493

■ 60.4263, 0.2721,
0.2721

■ 12.5449, 0.2454,
0.2372

■ 80.8600, 0.2758,
0.2771

■ 7.1159, 0.2325,
0.2208

■ 105.4478, 0.2789,
0.2813

■ 3.5347, 0.2139,
0.1979

■ 134.5741, 0.2815,
0.2849

■ 1.4168, 0.1853,
0.1639

■ 168.6234, 0.2837,
0.2879

■ 0.2291, 0.1239,
0.0721

■ 207.9800, 0.2857,

■ 0.0000, 0.0000,

0.2906

0.0000

253.0283, 0.2874,
0.2930

■ 30.4837, 0.2620,
0.2587

■ 30.4837, 0.2620,
0.2587

■ 24.3114, 0.2428,
0.2305

■ 37.6490, 0.2802,
0.2847

■ 19.0843, 0.2233,
0.2007

■ 45.8452, 0.2972,
0.3081

■ 14.7556, 0.2044,
0.1704

■ 55.1126, 0.3126,
0.3288

■ 11.2733, 0.1871,
0.1412

■ 65.4883, 0.3265,
0.3470

■ 8.5797, 0.1725,
0.1149

■ 77.0075, 0.3389,
0.3629

■ 6.6092, 0.1617,
0.0931

■ 89.7039, 0.3499,
0.3766

■ 5.2754, 0.1547,
0.0769

■ 96.7653, 0.3478,
0.3870

Harmonies

Analogous

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



30.4837, 0.2384, 0.2667



30.4837, 0.2620, 0.2587



30.4837, 0.3003, 0.2673

Triad

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



30.4837, 0.2620, 0.2587



30.4837, 0.3995, 0.3564



30.4837, 0.2784, 0.3736

Complementary

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



30.4837, 0.2620, 0.2587



48.2498, 0.3614, 0.3906

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.



30.4837, 0.3203, 0.4022



30.4837, 0.2620, 0.2587



30.4837, 0.3915, 0.3879

Square

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



30.4837, 0.2620, 0.2587



30.4837, 0.3821, 0.3213



30.4837, 0.3619, 0.4063



30.4837, 0.2471, 0.3312

Rectangle

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



30.4837, 0.2620, 0.2587



30.4837, 0.3299, 0.2809



30.4837, 0.3619, 0.4063



30.4837, 0.2917, 0.3854

Sweetspot

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



30.4849, 0.2620, 0.2587



84.5595, 0.2987, 0.3102



48.2674, 0.2772, 0.3454



17.5979, 0.2963, 0.3069



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.



30.4849, 0.2620, 0.2587



47.7833, 0.2496, 0.2406



28.8246, 0.2761, 0.2458



10.0445, 0.2983, 0.3097



3.4839, 0.1552, 0.0788



0.2445, 0.1662, 0.1183

Inverse Universe

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



31.7719, 0.3668, 0.3145



50.8322, 0.3836, 0.3113



50.7856, 0.3423, 0.4073



10.1078, 0.3260, 0.3247



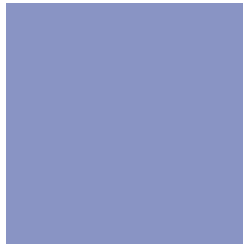
7.6339, 0.6089, 0.3128



0.3393, 0.5490, 0.2798

Previews

White Background



This preview shows how the Yxy color 30.4837, 0.2620, 0.2587 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 30.4837, 0.2620, 0.2587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

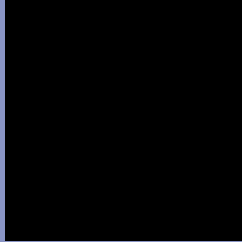
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.4837, 0.2620, 0.2587

Background



This preview shows how black text looks on a background with the Yxy color 30.4837, 0.2620, 0.2587.



This preview shows how white text looks on a background with the Yxy color 30.4837, 0.2620, 0.2587.

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

30.4837, 0.2620, 0.2587

Protanopia

30.4837, 0.2620, 0.2587

Deuteranopia

30.3419, 0.2635, 0.2575



Tritanopia

30.6897, 0.2807, 0.3099

Trichromacy



Original Color

30.4837, 0.2620, 0.2587

Protanomaly

30.4837, 0.2620, 0.2587

Deuteranomaly

30.2562, 0.2626, 0.2573

Tritanomaly

30.6173, 0.2735, 0.2904

Monochromacy



Original Color

30.4837, 0.2620, 0.2587

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

30.3047, 0.2923, 0.3013

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.4837, 0.2620, 0.2587 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(137, 148, 196)` looks like.

```
.text, #text, p{  
    color:rgb(137, 148, 196)  
}
```

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(137, 148, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 148, 196) }
```

Border

The CSS property to change the border of an element to Yxy 30.4837, 0.2620, 0.2587 is called "border". The border property can be set on classes, ids or directly on the HTML element.

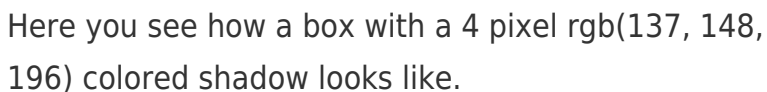
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(137, 148, 196) }
```

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

```
.border{ border-color:rgb(137, 148, 196) }
```

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



Here you see how a box with a 4 pixel `rgb(137, 148, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(137, 148, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(137, 148, 196); box-shadow:4px 4px 4px 4px rgb(137, 148, 196) }
```


Background

The CSS property to change the background color of an element to Yxy 30.4837, 0.2620, 0.2587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 148, 196) }
```

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

```
.background{ background-color: rgb(137,  
148, 196) }
```

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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