

Converting Colors

$Y_{xy}(13.7600, 0.3341, 0.2583)$

Have a look what the booklet for
Yxy(13.7600, 0.3341, 0.2583)
contains.

Yxy(13.8377, 0.3341, 0.2585)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(13.8377, 0.3341, 0.2585)

Conversions

Conversions Part 1

Format	Color
Hex	8B577F
RGB	139, 87, 127
RGB Percent	55%, 34%, 50%
CMY	0.4550, 0.6588, 0.5019
CMYK	0.00, 0.37, 0.09, 0.45
HSL	314°, 23%, 44%
HSV	314°, 37%, 55%
XYZ	17.8846, 13.8377, 21.8084
YIQ	107.1080, 18.1520, 23.4640

Conversions

Conversions Part 2

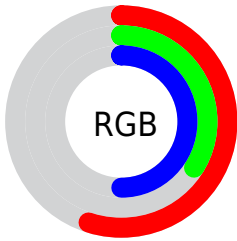
Format	Color
R_{YB}	139, 87, 127
Decimal	9131903
CIE _{Lab}	44.00, 27.90, -13.57
CIE _{LCh}	44, 31.025, 334.061
Yxy	13.8377, 0.3341, 0.2585
Android (android.graphics.Color)	4287321983 (0xFF8B577F)
YUV	107.1080, 9.8068, 27.9693
Hunter-Lab	37.1991, 20.7212, -8.7202

Details

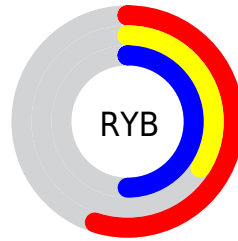
The Yxy color **13.8377, 0.3341, 0.2585** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **21.3882, 0.2969, 0.4119**, and the grayscale version is **14.7035, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.8097, 0.3288, 0.2744**, and **4.1423, 0.3424, 0.2303** is the 20% darker color. If you saturate the color by 10%, you get **11.7178, 0.3416, 0.2403**, and if you desaturate by 10%, it is **16.3948, 0.3273, 0.2776**.

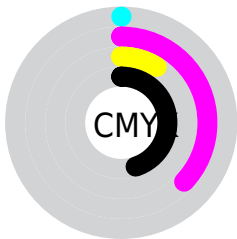
Distribution



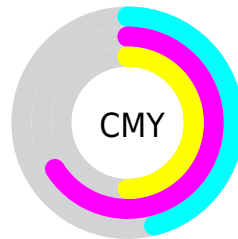
- Red (55%)
- Green (34%)
- Blue (50%)



- Red (55%)
- Yellow (34%)
- Blue (50%)



- Cyan (0%)
- Magenta (37%)
- Yellow (9%)
- Black (45%)



- Cyan (46%)
- Magenta (66%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 13.8377, 0.3341, 0.2585 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 13.8377, 0.3341, 0.2585 by changing the saturation by 10% instead.


 13.8377, 0.3341,
0.2585

 13.8377, 0.3341,
0.2585


216.2188, 0.3222,
0.2987


 8.0079, 0.3375,
0.2464


 32.8008, 0.3295,
0.2745


 4.1000, 0.3421,
0.2295


 46.7028, 0.3278,
0.2800


 1.7296, 0.3487,
0.2041

 64.0644, 0.3265,
0.2846

 0.4427, 0.3665,
0.1436

 85.2698, 0.3254,
0.2883

 0.0000, 0.1805,
0.0000

 110.7036, 0.3244,
0.2915

 0.0000, 0.0000,
0.0000

140.7501, 0.3236,

0.2943

175.7937, 0.3229,
0.2966

■ 13.8377, 0.3341,
0.2585

■ 13.8377, 0.3341,
0.2585

■ 11.7178, 0.3416,
0.2403

■ 16.3948, 0.3273,
0.2776

■ 10.0083, 0.3499,
0.2238

■ 19.4103, 0.3213,
0.2968

■ 8.6823, 0.3586,
0.2099


■ 22.9062, 0.3161,
0.3156


■ 7.7088, 0.3675,
0.1996


■ 26.9024, 0.3116,
0.3336

■ 7.0522, 0.3765,
0.1935

■ 31.4178, 0.3078,
0.3506


 6.6443, 0.3853,
0.1913

 36.4705, 0.3045,
0.3665

 6.5481, 0.3876,
0.1909

 42.0773, 0.3018,
0.3813

 48.2547, 0.2995,
0.3948

 55.0181, 0.2976,
0.4072

Harmonies

Analogous

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



13.8377, 0.2703, 0.2340



13.8377, 0.3341, 0.2585



13.8377, 0.3977, 0.2981

Triad

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



13.8377, 0.3341, 0.2585



13.8377, 0.4026, 0.4345



13.8377, 0.2025, 0.2916

Complementary

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



13.8377, 0.3341, 0.2585



21.3882, 0.2969, 0.4119

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.



13.8377, 0.2309, 0.3561



13.8377, 0.3341, 0.2585



13.8377, 0.3454, 0.4477

Square

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



13.8377, 0.3341, 0.2585



13.8377, 0.4376, 0.3949



13.8377, 0.2825, 0.4186



13.8377, 0.2003, 0.2477

Rectangle

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



13.8377, 0.3341, 0.2585



13.8377, 0.4278, 0.3295



13.8377, 0.2825, 0.4186



13.8377, 0.2091, 0.3115

Sweetspot

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



13.8383, 0.3341, 0.2585



38.5194, 0.3180, 0.3084



11.2938, 0.2609, 0.2244



8.7048, 0.3186, 0.3062



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



13.8383, 0.3341, 0.2585



21.4816, 0.3405, 0.2428



13.2600, 0.3745, 0.3021



5.1096, 0.3170, 0.3123



5.9141, 0.3873, 0.1907



0.0415, 0.3511, 0.1708

Inverse Universe

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



13.8383, 0.3341, 0.2585



21.4816, 0.3405, 0.2428



21.9493, 0.2745, 0.3582



5.1096, 0.3170, 0.3123



5.9141, 0.3873, 0.1907



0.0415, 0.3511, 0.1708

Previews

White Background



This preview shows how the Yxy color 13.8377, 0.3341, 0.2585 looks on a white 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 × Fail

Black Background



This preview shows how the Yxy color 13.8377, 0.3341, 0.2585 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

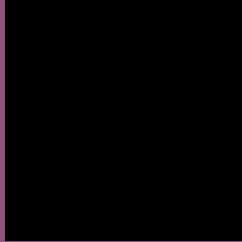
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 13.8377, 0.3341, 0.2585

Background



This preview shows how black text looks on a background with the Yxy color 13.8377, 0.3341, 0.2585.



This preview shows how white text looks on a background with the Yxy color 13.8377, 0.3341, 0.2585.

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

13.8377, 0.3341, 0.2585

Protanopia

13.9975, 0.2606, 0.2563

Deuteranopia

13.9612, 0.2890, 0.2838



Tritanopia

13.7894, 0.3720, 0.3160

Trichromacy



Original Color

13.8377, 0.3341, 0.2585

Protanomaly

13.6782, 0.2834, 0.2550

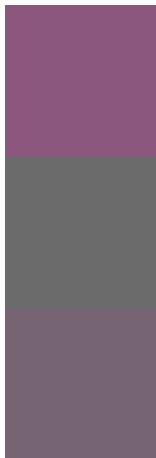
Deuteranomaly

13.8120, 0.3039, 0.2741

Tritanomaly

13.7348, 0.3583, 0.2941

Monochromacy



Original Color

13.8377, 0.3341, 0.2585

Achromatopsia

14.7027, 0.3127, 0.3290

Achromatomaly

14.2512, 0.3212, 0.3012

CSS Examples

Text

The CSS property to change the color of the text to Yxy 13.8377, 0.3341, 0.2585 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(139, 87, 127)` looks like.

```
.text, #text, p{  
    color:rgb(139, 87, 127)  
}
```

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(139, 87, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 87, 127) }
```

Border

The CSS property to change the border of an element to Yxy 13.8377, 0.3341, 0.2585 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(139, 87, 127) }
```

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

```
.border{ border-color:rgb(139, 87, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 87, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 87, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 87, 127);  
box-shadow:4px 4px 4px 4px rgb(139, 87,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 13.8377, 0.3341, 0.2585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 87, 127) }
```

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

```
.background{ background-color: rgb(139, 87,  
127) }
```

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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