

Converting Colors

$Y_{xy}(15.2721, 0.3090, 0.2808)$

Have a look what the booklet for
Yxy(15.2721, 0.3090, 0.2808)
contains.

Yxy(15.2460, 0.3094, 0.2816)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(15.2460, 0.3094, 0.2816)

Conversions

Conversions Part 1

Format	Color
Hex	7B667F
RGB	123, 102, 127
RGB Percent	48%, 40%, 50%
CMY	0.5176, 0.6000, 0.5019
CMYK	0.03, 0.20, 0.00, 0.50
HSL	290°, 11%, 45%
HSV	290°, 20%, 50%
XYZ	16.7511, 15.2460, 22.1435
YIQ	111.1290, 4.4910, 12.2270

Conversions

Conversions Part 2

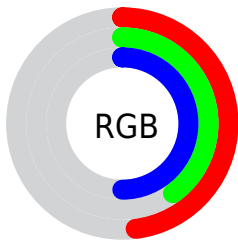
Format	Color
R_{YB}	123, 102, 127
Decimal	8087167
CIE Lab	45.97, 13.22, -10.77
CIE LCh	46, 17.054, 320.835
Yxy	15.2460, 0.3094, 0.2816
Android (android.graphics.Color)	4286277247 (0xFF7B667F)
YUV	111.1290, 7.8244, 10.4109
Hunter-Lab	39.0461, 8.2472, -6.2918

Details

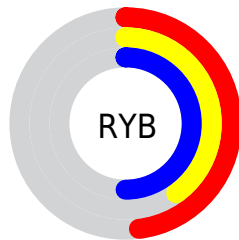
The Yxy color **15.2460, 0.3094, 0.2816** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **19.2072, 0.3151, 0.3797**, and the grayscale version is **15.9121, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.3079, 0.3106, 0.2921**, and **4.7383, 0.3069, 0.2613** is the 20% darker color. If you saturate the color by 10%, you get **12.7896, 0.3071, 0.2566**, and if you desaturate by 10%, it is **18.0894, 0.3113, 0.3061**.

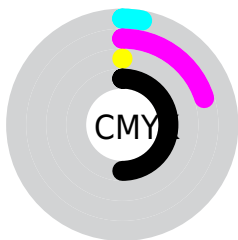
Distribution



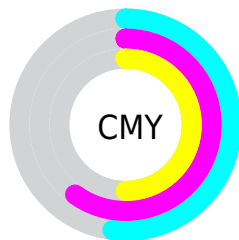
- Red (48%)
- Green (40%)
- Blue (50%)



- Red (48%)
- Yellow (40%)
- Blue (50%)



- Cyan (3%)
- Magenta (20%)
- Yellow (0%)
- Black (50%)





- Cyan (52%)
- Magenta (60%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.2460, 0.3094, 0.2816 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 15.2460, 0.3094, 0.2816 by changing the saturation by 10% instead.


 15.2460, 0.3094,
0.2816


 15.2460, 0.3094,
0.2816


224.8504, 0.3117,
0.3088

 8.9922, 0.3085,
0.2733


 35.2842, 0.3104,
0.2925


 4.7361, 0.3070,
0.2614

 49.8373, 0.3108,
0.2963

 2.0933, 0.3043,
0.2432

 67.9257, 0.3110,
0.2994

 0.6608, 0.3002,
0.2076

 89.9338, 0.3112,
0.3019

 0.0000, 0.0000,
0.0000

116.2459, 0.3114,
0.3041

147.2464, 0.3115,

0.3059

183.3198, 0.3116,
0.3075

■ 15.2460, 0.3094,
0.2816

■ 15.2460, 0.3094,
0.2816

■ 12.7896, 0.3071,
0.2566

■ 18.0894, 0.3113,
0.3061

■ 10.7008, 0.3044,
0.2318

■ 21.3342, 0.3128,
0.3297

■ 8.9616, 0.3014,
0.2081

■ 24.9962, 0.3139,
0.3519

■ 7.5517, 0.2979,
0.1863

■ 29.0900, 0.3148,
0.3726

■ 6.4484, 0.2941,
0.1675

■ 33.6294, 0.3154,
0.3917

■ 5.6266, 0.2902,
0.1523

■ 38.6277, 0.3159,
0.4091

■ 5.0567, 0.2861,
0.1411

■ 44.0975, 0.3161,
0.4250

■ 4.6476, 0.2820,
0.1329

■ 50.0509, 0.3163,
0.4393

■ 4.6352, 0.2819,
0.1326

■ 56.4997, 0.3163,
0.4523

Harmonies

Analogous

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



15.2460, 0.2771, 0.2725



15.2460, 0.3094, 0.2816



15.2460, 0.3443, 0.3016

Triad

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



15.2460, 0.3094, 0.2816



15.2460, 0.3724, 0.3801



15.2460, 0.2570, 0.3252

Complementary

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



15.2460, 0.3094, 0.2816



19.2072, 0.3151, 0.3797

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.



15.2460, 0.2803, 0.3585



15.2460, 0.3094, 0.2816



15.2460, 0.3469, 0.3910

Square

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



15.2460, 0.3094, 0.2816



15.2460, 0.3818, 0.3568



15.2460, 0.3130, 0.3835



15.2460, 0.2482, 0.2954

Rectangle

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



15.2460, 0.3094, 0.2816



15.2460, 0.3639, 0.3190



15.2460, 0.3130, 0.3835



15.2460, 0.2633, 0.3364

Sweetspot

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



15.2467, 0.3094, 0.2816



34.3644, 0.3118, 0.3146



14.7008, 0.2821, 0.2863



7.9765, 0.3118, 0.3134



65.5931, 0.3127, 0.3290



8.8982, 0.3127, 0.3290

Same Dimension

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



15.2467, 0.3094, 0.2816



25.0662, 0.3083, 0.2694



15.3404, 0.3260, 0.2974



4.3786, 0.3114, 0.3076



4.6731, 0.2819, 0.1326



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.0572, 0.3437, 0.3213



24.6698, 0.3536, 0.3193



19.1407, 0.3015, 0.3629



4.3547, 0.3255, 0.3256



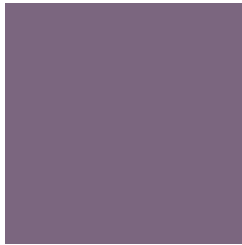
4.6027, 0.6110, 0.3140



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 15.2460, 0.3094, 0.2816 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 15.2460, 0.3094, 0.2816 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

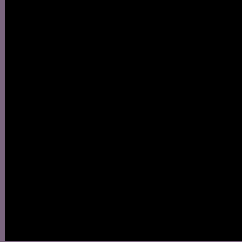
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.2460, 0.3094, 0.2816

Background



This preview shows how black text looks on a background with the Yxy color 15.2460, 0.3094, 0.2816.



This preview shows how white text looks on a background with the Yxy color 15.2460, 0.3094, 0.2816.

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

15.2460, 0.3094, 0.2816

Protanopia

15.3069, 0.2804, 0.2829

Deuteranopia

15.1939, 0.2946, 0.2893



Tritanopia

15.3604, 0.3247, 0.3133

Trichromacy



Original Color

15.2460, 0.3094, 0.2816

Protanomaly

15.2993, 0.2900, 0.2819

Deuteranomaly

15.2543, 0.2998, 0.2879

Tritanomaly

15.3462, 0.3196, 0.3019

Monochromacy



Original Color

15.2460, 0.3094, 0.2816

Achromatopsia

15.8961, 0.3127, 0.3290

Achromatomaly

15.6543, 0.3109, 0.3111

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.2460, 0.3094, 0.2816 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(123, 102, 127)` looks like.

```
.text, #text, p{  
    color:rgb(123, 102, 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(123, 102, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 102, 127) }
```

Border

The CSS property to change the border of an element to Yxy 15.2460, 0.3094, 0.2816 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(123, 102, 127) }
```

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

```
.border{ border-color:rgb(123, 102, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 102, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 102, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 102, 127);  
box-shadow:4px 4px 4px 4px rgb(123, 102,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 15.2460, 0.3094, 0.2816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 102, 127) }
```

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

```
.background{ background-color: rgb(123,  
102, 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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