

Converting Colors

$Y_{xy}(13.9168, 0.3039, 0.2634)$

Have a look what the booklet for
Yxy(13.9168, 0.3039, 0.2634)
contains.

Yxy(13.8611, 0.3030, 0.2624)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(13.8611, 0.3030, 0.2624)

Conversions

Conversions Part 1

Format	Color
Hex	795F82
RGB	121, 95, 130
RGB Percent	47%, 37%, 51%
CMY	0.5256, 0.6274, 0.4901
CMYK	0.07, 0.27, 0.00, 0.49
HSL	285°, 16%, 44%
HSV	285°, 27%, 51%
XYZ	16.0058, 13.8611, 22.9574
YIQ	106.7640, 4.2610, 16.3970

Conversions

Conversions Part 2

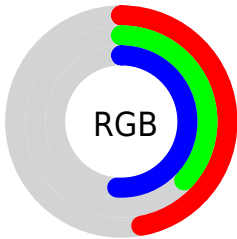
Format	Color
R_{YB}	121, 95, 130
Decimal	7954306
CIE _{Lab}	44.03, 17.35, -15.53
CIE _{LCh}	44, 23.285, 318.159
Yxy	13.8611, 0.3030, 0.2624
Android (android.graphics.Color)	4286144386 (0xFF795F82)
YUV	106.7640, 11.4553, 12.4850
Hunter-Lab	37.2305, 11.5856, -10.4987

Details

The Yxy color **13.8611, 0.3030, 0.2624** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **19.7423, 0.3197, 0.4003**, and the grayscale version is **14.6013, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.9753, 0.3062, 0.2783**, and **4.0857, 0.2963, 0.2322** is the 20% darker color. If you saturate the color by 10%, you get **11.4732, 0.2982, 0.2365**, and if you desaturate by 10%, it is **16.6497, 0.3071, 0.2880**.

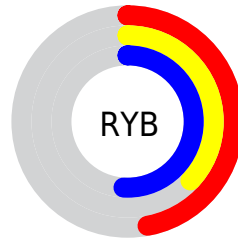
Distribution



Red (47%)

Green (37%)

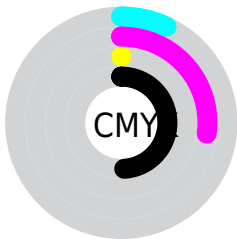
Blue (51%)



Red (47%)

Yellow (37%)

Blue (51%)

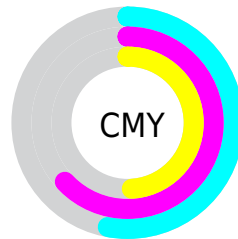


Cyan (7%)

Magenta (27%)

Yellow (0%)

Black (49%)



Cyan (53%)


Magenta (63%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 13.8611, 0.3030, 0.2624 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 13.8611, 0.3030, 0.2624 by changing the saturation by 10% instead.


 13.8611, 0.3030,
0.2624


 13.8611, 0.3030,
0.2624

216.3650, 0.3094,
0.3007


 8.0241, 0.3006,
0.2508


 32.8424, 0.3058,
0.2777


 4.1104, 0.2968,
0.2343

 46.7554, 0.3067,
0.2830

 1.7355, 0.2901,
0.2093

 64.1293, 0.3074,
0.2873

 0.4465, 0.2823,
0.1487

 85.3485, 0.3080,
0.2909

 0.0000, 0.0000,
0.0000

110.7972, 0.3084,
0.2939

140.8599, 0.3088,

0.2965

175.9211, 0.3091,
0.2987

■ 13.8611, 0.3030,
0.2624

■ 13.8611, 0.3030,
0.2624

■ 11.4732, 0.2982,
0.2365

■ 16.6497, 0.3071,
0.2880

■ 9.4646, 0.2928,
0.2110

■ 19.8552, 0.3106,
0.3127

■ 7.8148, 0.2868,
0.1869

■ 23.4953, 0.3136,
0.3360

■ 6.5006, 0.2804,
0.1653

■ 27.5860, 0.3159,
0.3577

■ 5.4960, 0.2737,
0.1471

■ 32.1426, 0.3178,
0.3777

■ 4.7710, 0.2669,
0.1329

■ 37.1795, 0.3194,
0.3960

■ 4.2675, 0.2603,
0.1226

■ 42.7107, 0.3205,
0.4126

■ 4.1242, 0.2582,
0.1196

■ 48.7493, 0.3214,
0.4276

■ 55.3083, 0.3221,
0.4412

Harmonies

Analogous

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



13.8611, 0.2595, 0.2513



13.8611, 0.3030, 0.2624



13.8611, 0.3527, 0.2881

Triad

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



13.8611, 0.3030, 0.2624



13.8611, 0.3984, 0.3968



13.8611, 0.2375, 0.3267

Complementary

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



13.8611, 0.3030, 0.2624



19.7423, 0.3197, 0.4003

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.



13.8611, 0.2704, 0.3751



13.8611, 0.3030, 0.2624



13.8611, 0.3633, 0.4163

Square

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



13.8611, 0.3030, 0.2624



13.8611, 0.4102, 0.3623



13.8611, 0.3163, 0.4098



13.8611, 0.2241, 0.2839

Rectangle

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



13.8611, 0.3030, 0.2624



13.8611, 0.3818, 0.3110



13.8611, 0.3163, 0.4098



13.8611, 0.2465, 0.3431

Sweetspot

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



13.8617, 0.3030, 0.2624



34.2071, 0.3102, 0.3097



14.0155, 0.2701, 0.2756



7.5678, 0.3098, 0.3065



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.



13.8617, 0.3030, 0.2624



21.8828, 0.3003, 0.2474



14.3345, 0.3270, 0.2790



4.3583, 0.3099, 0.3075



3.9566, 0.2583, 0.1197



0.0000, 0.0000, 0.0000

Inverse Universe

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



13.9334, 0.3535, 0.3117



22.0604, 0.3655, 0.3078



19.3864, 0.3010, 0.3849



4.3611, 0.3241, 0.3235



4.6598, 0.5829, 0.2985



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 13.8611, 0.3030, 0.2624 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 13.8611, 0.3030, 0.2624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

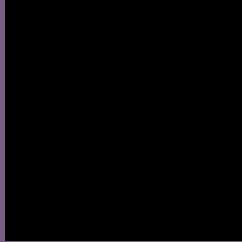
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 13.8611, 0.3030, 0.2624

Background



This preview shows how black text looks on a background with the Yxy color 13.8611, 0.3030, 0.2624.



This preview shows how white text looks on a background with the Yxy color 13.8611, 0.3030, 0.2624.

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

13.8611, 0.3030, 0.2624

Protanopia

13.9649, 0.2647, 0.2619

Deuteranopia

13.9125, 0.2793, 0.2738



Tritanopia

13.8368, 0.3298, 0.3128

Trichromacy



Original Color

13.8611, 0.3030, 0.2624

Protanomaly

13.8388, 0.2772, 0.2612

Deuteranomaly

13.7599, 0.2881, 0.2691

Tritanomaly

13.8951, 0.3201, 0.2952

Monochromacy



Original Color

13.8611, 0.3030, 0.2624

Achromatopsia

14.7027, 0.3127, 0.3290

Achromatomaly

14.3830, 0.3097, 0.3045

CSS Examples

Text

The CSS property to change the color of the text to Yxy 13.8611, 0.3030, 0.2624 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(121, 95, 130)` looks like.

```
.text, #text, p{  
    color:rgb(121, 95, 130)  
}
```

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(121, 95, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 95, 130) }
```

Border

The CSS property to change the border of an element to Yxy 13.8611, 0.3030, 0.2624 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(121, 95, 130) }
```

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

```
.border{ border-color:rgb(121, 95, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 95, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 95, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 95, 130);  
box-shadow:4px 4px 4px 4px rgb(121, 95,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 13.8611, 0.3030, 0.2624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 95, 130) }
```

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

```
.background{ background-color: rgb(121, 95,  
130) }
```

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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