

Converting Colors

$Y_{xy}(13.9310, 0.3321, 0.3881)$

Have a look what the booklet for
Yxy(13.9310, 0.3321, 0.3881)
contains.

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Color

$Y_{xy}(13.9310, 0.3321, 0.3881)$

Conversions

Conversions Part 1

Format	Color
Hex	626C52
RGB	98, 108, 82
RGB Percent	38%, 42%, 32%
CMY	0.6158, 0.5764, 0.6784
CMYK	0.09, 0.00, 0.24, 0.58
HSL	83°, 14%, 37%
HSV	83°, 24%, 42%
XYZ	11.9209, 13.9310, 10.0435
YIQ	102.0460, 2.3860, -10.2060

Conversions

Conversions Part 2

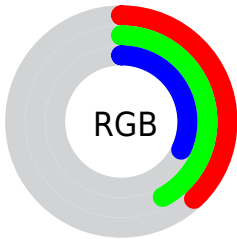
Format	Color
R_{YB}	82, 108, 92
Decimal	6450258
CIE _{Lab}	44.13, -8.92, 13.31
CIE _{LCh}	44, 16.024, 123.815
Yxy	13.9310, 0.3321, 0.3881
Android (android.graphics.Color)	4284640338 (0xFF626C52)
YUV	102.0460, -9.8827, -3.5483
Hunter-Lab	37.3243, -8.3070, 10.1727

Details

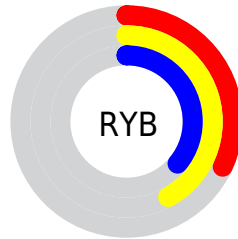
The Yxy color **13.9310, 0.3321, 0.3881** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **9.3948, 0.2897, 0.2684**, and the grayscale version is **13.3250, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.8245, 0.3283, 0.3730**, and **4.1749, 0.3395, 0.4208** is the 20% darker color. If you saturate the color by 10%, you get **13.5542, 0.3397, 0.4147**, and if you desaturate by 10%, it is **14.3469, 0.3241, 0.3625**.

Distribution



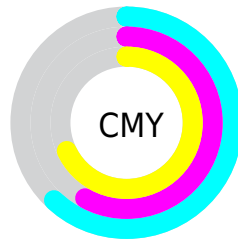
- Red (38%)
- Green (42%)
- Blue (32%)



- Red (32%)
- Yellow (42%)
- Blue (36%)



- Cyan (9%)
- Magenta (0%)
- Yellow (24%)
- Black (58%)





- Cyan (62%)
- Magenta (58%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 13.9310, 0.3321, 0.3881 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 13.9310, 0.3321, 0.3881 by changing the saturation by 10% instead.


 13.9310, 0.3321,
0.3881


 13.9310, 0.3321,
0.3881


216.8012, 0.3209,
0.3520


 8.0727, 0.3355,
0.4005


 32.9665, 0.3276,
0.3728


 4.1415, 0.3401,
0.4194

 46.9126, 0.3261,
0.3678

 1.7530, 0.3476,
0.4527

 64.3233, 0.3248,
0.3638

 0.4576, 0.3219,
0.6781

 85.5831, 0.3238,
0.3606

 0.0000, 0.0000,
0.0000

 111.0764, 0.3229,
0.3579

141.1876, 0.3221,

0.3556

176.3010, 0.3215,
0.3537

■ 13.9310, 0.3321,
0.3881

■ 13.9310, 0.3321,
0.3881

■ 13.5542, 0.3397,
0.4147

■ 14.3469, 0.3241,
0.3625

■ 13.2134, 0.3467,
0.4416

■ 14.8015, 0.3160,
0.3384

■ 12.9077, 0.3525,
0.4680

■ 15.2966, 0.3080,
0.3159

■ 12.6354, 0.3567,
0.4928

■ 15.8334, 0.3003,
0.2953

■ 12.3948, 0.3591,
0.5148

■ 16.4129, 0.2930,
0.2766

■ 12.1839, 0.3594,
0.5331

■ 17.0363, 0.2861,
0.2595

■ 11.9995, 0.3576,
0.5473

■ 17.7046, 0.2796,
0.2442

■ 11.8975, 0.3563,
0.5553

■ 18.4188, 0.2737,
0.2304

■ 19.1799, 0.2681,
0.2180

Harmonies

Analogous

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



13.9310, 0.3614, 0.3850



13.9310, 0.3321, 0.3881



13.9310, 0.2986, 0.3729

Triad

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



13.9310, 0.3321, 0.3881



13.9310, 0.2512, 0.2872



13.9310, 0.3562, 0.3132

Complementary

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



13.9310, 0.3321, 0.3881



9.3948, 0.2897, 0.2684

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.



13.9310, 0.3244, 0.2903



13.9310, 0.3321, 0.3881



13.9310, 0.2646, 0.2750

Square

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



13.9310, 0.3321, 0.3881



13.9310, 0.2531, 0.3119



13.9310, 0.2909, 0.2765



13.9310, 0.3762, 0.3406

Rectangle

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



13.9310, 0.3321, 0.3881



13.9310, 0.2785, 0.3545



13.9310, 0.2909, 0.2765



13.9310, 0.3465, 0.3048

Sweetspot

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



13.9316, 0.3321, 0.3881



25.7258, 0.3185, 0.3457



11.4472, 0.3542, 0.3515



6.2196, 0.3188, 0.3466



57.0482, 0.3127, 0.3290



6.3724, 0.3127, 0.3290

Same Dimension

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



13.9316, 0.3321, 0.3881



24.0685, 0.3365, 0.4032



13.2691, 0.3139, 0.3915



3.5281, 0.3199, 0.3499



14.1727, 0.3558, 0.5557



71.7048, 0.3523, 0.5584

Inverse Universe

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



9.3948, 0.2897, 0.2684



14.5971, 0.2831, 0.2524



10.1195, 0.3104, 0.2720



3.0768, 0.3051, 0.3079



1.8547, 0.1860, 0.0798



8.9818, 0.1805, 0.0768

Previews

White Background



This preview shows how the Yxy color 13.9310, 0.3321, 0.3881 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 13.9310, 0.3321, 0.3881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

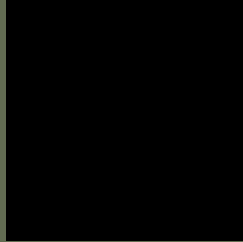
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 13.9310, 0.3321, 0.3881

Background



This preview shows how black text looks on a background with the Yxy color 13.9310, 0.3321, 0.3881.



This preview shows how white text looks on a background with the Yxy color 13.9310, 0.3321, 0.3881.

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

13.9310, 0.3321, 0.3881

Protanopia

13.8593, 0.3559, 0.3808

Deuteranopia

13.8194, 0.3678, 0.3620



Tritanopia

13.8953, 0.2997, 0.3119

Trichromacy



Original Color

13.9310, 0.3321, 0.3881

Protanomaly

13.7614, 0.3464, 0.3820

Deuteranomaly

13.8357, 0.3553, 0.3718

Tritanomaly

13.8094, 0.3123, 0.3378

Monochromacy



Original Color

13.9310, 0.3321, 0.3881

Achromatopsia

13.2868, 0.3127, 0.3290

Achromatomaly

13.4936, 0.3203, 0.3491

CSS Examples

Text

The CSS property to change the color of the text to Yxy 13.9310, 0.3321, 0.3881 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(98, 108, 82) looks like.

```
.text, #text, p{  
    color:rgb(98, 108, 82)  
}
```

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(98, 108, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 108, 82) }
```

Border

The CSS property to change the border of an element to Yxy 13.9310, 0.3321, 0.3881 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(98, 108, 82) }
```

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

```
.border{ border-color:rgb(98, 108, 82) }
```

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

Here you see how a box with a 4 pixel rgb(98, 108, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 108, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 108, 82);  
box-shadow:4px 4px 4px 4px rgb(98, 108,  
82) }
```


Background

The CSS property to change the background color of an element to Yxy 13.9310, 0.3321, 0.3881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 108, 82) }
```

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

```
.background{ background-color: rgb(98, 108,  
82) }
```

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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