

Converting Colors

$Y_{xy}(13.9495, 0.3103, 0.3703)$

Have a look what the booklet for
Yxy(13.9495, 0.3103, 0.3703)
contains.

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Color

Yxy(13.9168, 0.3108, 0.3706)

Conversions

Conversions Part 1

Format	Color
Hex	5B6D5B
RGB	91, 109, 91
RGB Percent	36%, 43%, 36%
CMY	0.6431, 0.5725, 0.6432
CMYK	0.17, 0.00, 0.17, 0.57
HSL	120°, 9%, 39%
HSV	120°, 17%, 43%
XYZ	11.6712, 13.9168, 11.9641
YIQ	101.5660, -4.9500, -9.4140

Conversions

Conversions Part 2

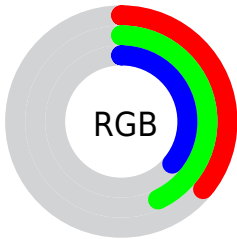
Format	Color
R_{YB}	91, 109, 109
Decimal	5991771
CIE Lab	44.11, -10.59, 7.85
CIE LCh	44, 13.181, 143.448
Yxy	13.9168, 0.3108, 0.3706
Android (android.graphics.Color)	4284181851 (0xFF5B6D5B)
YUV	101.5660, -5.2090, -9.2664
Hunter-Lab	37.3052, -9.4392, 7.0989

Details

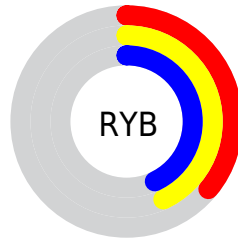
The Yxy color **13.9168, 0.3108, 0.3706** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.8328, 0.3145, 0.2906**, and the grayscale version is **13.1831, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.0755, 0.3112, 0.3607**, and **4.0848, 0.3097, 0.3924** is the 20% darker color. If you saturate the color by 10%, you get **13.2291, 0.3094, 0.3998**, and if you desaturate by 10%, it is **14.7133, 0.3120, 0.3444**.

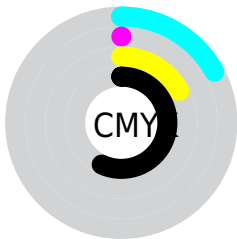
Distribution



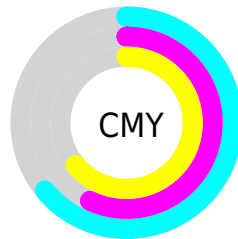
- Red (36%)
- Green (43%)
- Blue (36%)



- Red (36%)
- Yellow (43%)
- Blue (43%)



- Cyan (17%)
- Magenta (0%)
- Yellow (17%)
- Black (57%)





- Cyan (64%)
- Magenta (57%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 13.9168, 0.3108, 0.3706 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 13.9168, 0.3108, 0.3706 by changing the saturation by 10% instead.


 13.9168, 0.3108,
0.3706


 13.9168, 0.3108,
0.3706


216.7126, 0.3122,
0.3451


 8.0628, 0.3101,
0.3794

 32.9413, 0.3115,
0.3598


 4.1352, 0.3090,
0.3929

 46.8807, 0.3117,
0.3563


 1.7495, 0.3065,
0.4163

 64.2839, 0.3118,
0.3535

 0.4554, 0.2768,
0.7232

 85.5355, 0.3119,
0.3512

 0.0000, 0.0000,
0.0000

 111.0197, 0.3120,
0.3493

141.1211, 0.3121,

0.3477

176.2239, 0.3122,
0.3463

■ 13.9168, 0.3108,
0.3706

■ 13.9168, 0.3108,
0.3706

■ 13.2291, 0.3094,
0.3998

■ 14.7133, 0.3120,
0.3444

■ 12.6437, 0.3080,
0.4317

■ 15.6211, 0.3131,
0.3213

■ 12.1564, 0.3064,
0.4653

■ 16.6449, 0.3140,
0.3012

■ 11.7618, 0.3048,
0.4991

■ 17.7886, 0.3148,
0.2838

■ 11.4539, 0.3033,
0.5310

■ 19.0559, 0.3155,
0.2687

■ 11.2263, 0.3020,
0.5587

■ 20.4503, 0.3161,
0.2558

■ 11.0715, 0.3010,
0.5799

■ 21.9753, 0.3166,
0.2445

■ 10.9715, 0.3003,
0.5948

■ 23.6342, 0.3170,
0.2349

■ 10.9389, 0.3001,
0.6000

■ 25.4300, 0.3174,
0.2265

Harmonies

Analogous

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



13.9168, 0.3380, 0.3782



13.9168, 0.3108, 0.3706



13.9168, 0.2849, 0.3502

Triad

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



13.9168, 0.3108, 0.3706



13.9168, 0.2676, 0.2865



13.9168, 0.3607, 0.3310

Complementary

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



13.9168, 0.3108, 0.3706



11.8328, 0.3145, 0.2906

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.



13.9168, 0.3402, 0.3087



13.9168, 0.3108, 0.3706



13.9168, 0.2863, 0.2836

Square

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



13.9168, 0.3108, 0.3706



13.9168, 0.2607, 0.3008



13.9168, 0.3127, 0.2918



13.9168, 0.3676, 0.3537

Rectangle

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



13.9168, 0.3108, 0.3706



13.9168, 0.2717, 0.3328



13.9168, 0.3127, 0.2918



13.9168, 0.3551, 0.3232

Sweetspot

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



13.9174, 0.3108, 0.3706



26.5595, 0.3122, 0.3410



14.8803, 0.3361, 0.3669



6.1618, 0.3121, 0.3423



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.



13.9174, 0.3108, 0.3706



24.4017, 0.3103, 0.3820



14.0752, 0.3002, 0.3501



3.4450, 0.3117, 0.3504



12.7937, 0.3001, 0.6000



65.1862, 0.3000, 0.6000

Inverse Universe

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



11.8328, 0.3145, 0.2906



19.8840, 0.3149, 0.2811



11.6561, 0.3275, 0.3088



3.1637, 0.3137, 0.3084



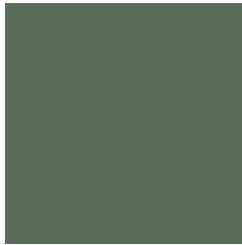
5.0822, 0.3206, 0.1540



25.8922, 0.3205, 0.1539

Previews

White Background



This preview shows how the Yxy color 13.9168, 0.3108, 0.3706 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 13.9168, 0.3108, 0.3706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

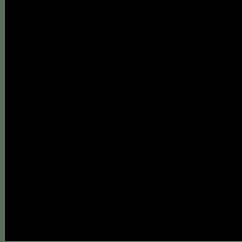
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

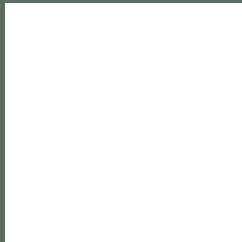
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 13.9168, 0.3108, 0.3706

Background



This preview shows how black text looks on a background with the Yxy color 13.9168, 0.3108, 0.3706.



This preview shows how white text looks on a background with the Yxy color 13.9168, 0.3108, 0.3706.

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

13.9168, 0.3108, 0.3706

Protanopia

13.8564, 0.3417, 0.3637

Deuteranopia

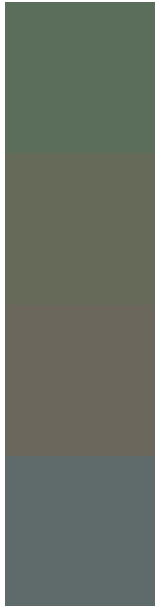
13.7562, 0.3498, 0.3436



Tritanopia

13.9559, 0.2882, 0.3115

Trichromacy



Original Color

13.9168, 0.3108, 0.3706

Protanomaly

13.8541, 0.3294, 0.3669

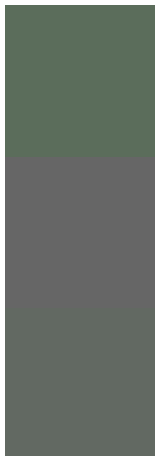
Deuteranomaly

13.6613, 0.3350, 0.3529

Tritanomaly

13.9357, 0.2965, 0.3312

Monochromacy



Original Color

13.9168, 0.3108, 0.3706

Achromatopsia

13.2868, 0.3127, 0.3290

Achromatomaly

13.5817, 0.3120, 0.3447

CSS Examples

Text

The CSS property to change the color of the text to Yxy 13.9168, 0.3108, 0.3706 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(91, 109, 91)` looks like.

```
.text, #text, p{  
    color:rgb(91, 109, 91)  
}
```

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(91, 109, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 109, 91) }
```

Border

The CSS property to change the border of an element to Yxy 13.9168, 0.3108, 0.3706 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(91, 109, 91) }
```

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

```
.border{ border-color:rgb(91, 109, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 109, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 109, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 109, 91);  
box-shadow:4px 4px 4px 4px rgb(91, 109,  
91) }
```


Background

The CSS property to change the background color of an element to Yxy 13.9168, 0.3108, 0.3706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 109, 91) }
```

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

```
.background{ background-color: rgb(91, 109,  
91) }
```

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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