

Converting Colors

$Y_{xy}(10.8909, 0.3162, 0.4102)$

Have a look what the booklet for
Yxy(10.8909, 0.3162, 0.4102)
contains.

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Color

$\text{Yxy}(10.8092, 0.3161, 0.4087)$

Conversions

Conversions Part 1

Format	Color
Hex	4A6345
RGB	74, 99, 69
RGB Percent	29%, 39%, 27%
CMY	0.7098, 0.6118, 0.7293
CMYK	0.25, 0.00, 0.30, 0.61
HSL	110°, 18%, 33%
HSV	110°, 30%, 39%
XYZ	8.3601, 10.8092, 7.2784
YIQ	88.1050, -5.2700, -14.6300

Conversions

Conversions Part 2

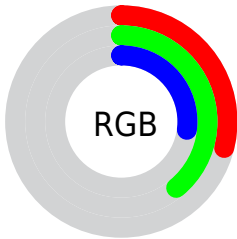
Format	Color
RYB	69, 99, 94
Decimal	4875077
CIELab	39.26, -15.82, 14.10
CIELCh	39, 21.190, 138.277
Yxy	10.8092, 0.3161, 0.4087
Android (android.graphics.Color)	4283065157 (0xFF4A6345)
YUV	88.1050, -9.4188, -12.3701
Hunter-Lab	32.8773, -12.1459, 9.8885

Details

The Yxy color **10.8092, 0.3161, 0.4087** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **7.5400, 0.3069, 0.2571**, and the grayscale version is **9.8051, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.3080, 0.3160, 0.3872**, and **2.7874, 0.3155, 0.4604** is the 20% darker color. If you saturate the color by 10%, you get **10.3903, 0.3166, 0.4395**, and if you desaturate by 10%, it is **11.2926, 0.3152, 0.3798**.

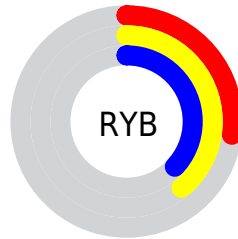
Distribution



Red (29%)

Green (39%)

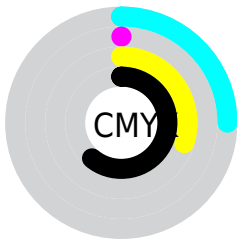
Blue (27%)



Red (27%)

Yellow (39%)

Blue (37%)

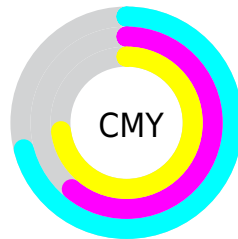


Cyan (25%)

Magenta (0%)

Yellow (30%)

Black (61%)



Cyan (71%)


Magenta (61%)

Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.8092, 0.3161, 0.4087 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 10.8092, 0.3161, 0.4087 by changing the saturation by 10% instead.


 10.8092, 0.3161,
0.4087


 10.8092, 0.3161,
0.4087


196.3538, 0.3149,
0.3577

 5.9387, 0.3157,
0.4280

 27.3068, 0.3160,
0.3862


 2.8078, 0.3140,
0.4594


 39.7027, 0.3158,
0.3791

 1.0322, 0.3360,
0.5898

 55.3758, 0.3156,
0.3736

 0.0000, 0.0000,
0.0000

 74.7106, 0.3155,
0.3692

 98.0913, 0.3153,
0.3655

125.9025, 0.3152,

0.3625

158.5286, 0.3150,
0.3599

■ 10.8092, 0.3161,
0.4087

■ 10.8092, 0.3161,
0.4087

■ 10.3903, 0.3166,
0.4395

■ 11.2926, 0.3152,
0.3798

■ 10.0318, 0.3166,
0.4714

■ 11.8415, 0.3141,
0.3534

■ 9.7313, 0.3159,
0.5030


■ 12.4590, 0.3128,
0.3296

■ 9.4857, 0.3145,
0.5325


■ 13.1471, 0.3114,
0.3085


■ 9.2916, 0.3124,
0.5580


■ 13.9081, 0.3099,
0.2899


 9.1450, 0.3097,
0.5777

 14.7440, 0.3085,
0.2735

 9.0382, 0.3077,
0.5939

 15.6569, 0.3071,
0.2591

 16.6486, 0.3058,
0.2465

 17.7209, 0.3045,
0.2355

Harmonies

Analogous

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



10.8092, 0.3627, 0.4154



10.8092, 0.3161, 0.4087



10.8092, 0.2707, 0.3744

Triad

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



10.8092, 0.3161, 0.4087



10.8092, 0.2327, 0.2587



10.8092, 0.3925, 0.3238

Complementary

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



10.8092, 0.3161, 0.4087



7.5400, 0.3069, 0.2571

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.



10.8092, 0.3525, 0.2887



10.8092, 0.3161, 0.4087



10.8092, 0.2602, 0.2521

Square

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



10.8092, 0.3161, 0.4087



10.8092, 0.2250, 0.2843



10.8092, 0.3033, 0.2632



10.8092, 0.4091, 0.3622

Rectangle

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



10.8092, 0.3161, 0.4087



10.8092, 0.2471, 0.3427



10.8092, 0.3033, 0.2632



10.8092, 0.3812, 0.3114

Sweetspot

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



10.8097, 0.3161, 0.4087



20.4164, 0.3139, 0.3508



11.0889, 0.3581, 0.3884



4.8281, 0.3141, 0.3534



52.2522, 0.3127, 0.3290



5.0876, 0.3127, 0.3290

Same Dimension

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



10.8097, 0.3161, 0.4087



18.0462, 0.3165, 0.4293



10.7546, 0.2962, 0.3825



2.8744, 0.3139, 0.3498



11.7673, 0.3070, 0.5944



62.5909, 0.3044, 0.5965

Inverse Universe

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



7.5400, 0.3069, 0.2571



11.5042, 0.3051, 0.2407



7.6324, 0.3343, 0.2810



2.6090, 0.3114, 0.3087



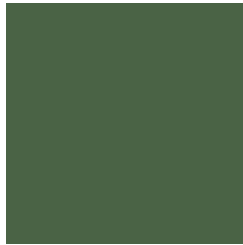
3.5313, 0.2811, 0.1322



18.5387, 0.2786, 0.1308

Previews

White Background



This preview shows how the Yxy color 10.8092, 0.3161, 0.4087 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 10.8092, 0.3161, 0.4087 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 10.8092, 0.3161, 0.4087

Background



This preview shows how black text looks on a background with the Yxy color 10.8092, 0.3161, 0.4087.



This preview shows how white text looks on a background with the Yxy color 10.8092, 0.3161, 0.4087.

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

10.8092, 0.3161, 0.4087

Protanopia

10.7003, 0.3640, 0.3912

Deuteranopia

10.6225, 0.3744, 0.3679



Tritanopia

10.8492, 0.2816, 0.3118

Trichromacy



Original Color

10.8092, 0.3161, 0.4087

Protanomaly

10.7633, 0.3455, 0.3989

Deuteranomaly

10.5833, 0.3527, 0.3826

Tritanomaly

10.7236, 0.2944, 0.3442

Monochromacy



Original Color

10.8092, 0.3161, 0.4087

Achromatopsia

9.7587, 0.3127, 0.3290

Achromatomaly

10.0874, 0.3145, 0.3573

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.8092, 0.3161, 0.4087 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(74, 99, 69)` looks like.

```
.text, #text, p{  
    color:rgb(74, 99, 69)  
}
```

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(74, 99, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 99, 69) }
```

Border

The CSS property to change the border of an element to Yxy 10.8092, 0.3161, 0.4087 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(74, 99, 69) }
```

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

```
.border{ border-color:rgb(74, 99, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 99, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 99, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 99, 69);  
box-shadow:4px 4px 4px 4px rgb(74, 99, 69)  
}
```


Background

The CSS property to change the background color of an element to Yxy 10.8092, 0.3161, 0.4087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 99, 69) }
```

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

```
.background{ background-color: rgb(74, 99,  
69) }
```

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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