

Converting Colors

$Y_{xy}(10.6817, 0.4053, 0.4826)$

Have a look what the booklet for
Yxy(10.6817, 0.4053, 0.4826)
contains.

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Color

Yxy(10.6875, 0.4051, 0.4818)

Conversions

Conversions Part 1

Format	Color
Hex	5F5F19
RGB	95, 95, 25
RGB Percent	37%, 37%, 10%
CMY	0.6275, 0.6274, 0.9020
CMYK	0.00, 0.00, 0.74, 0.63
HSL	60°, 58%, 24%
HSV	60°, 74%, 37%
XYZ	8.9861, 10.6875, 2.5088
YIQ	87.0200, 22.4700, -21.7700

Conversions

Conversions Part 2

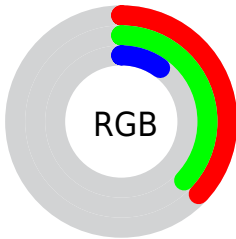
Format	Color
RYB	25, 95, 25
Decimal	6250265
CIELab	39.05, -9.50, 38.00
CIELCh	39, 39.170, 104.038
Yxy	10.6875, 0.4051, 0.4818
Android (android.graphics.Color)	4284440345 (0xFF5F5F19)
YUV	87.0200, -30.5759, 6.9985
Hunter-Lab	32.6917, -8.1456, 18.3342

Details

The Yxy color **10.6875, 0.4051, 0.4818** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **1.7285, 0.1809, 0.1111**, and the grayscale version is **9.5989, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.0411, 0.3860, 0.4428**, and **2.7775, 0.4104, 0.5123** is the 20% darker color. If you saturate the color by 10%, you get **10.6536, 0.4118, 0.4929**, and if you desaturate by 10%, it is **10.7363, 0.3962, 0.4671**.

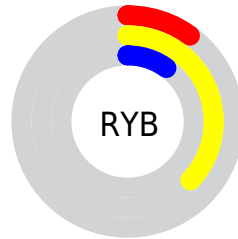
Distribution



Red (37%)

Green (37%)

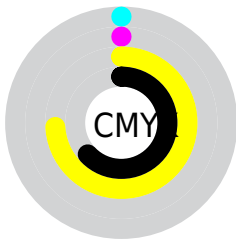
Blue (10%)



Red (10%)

Yellow (37%)

Blue (10%)

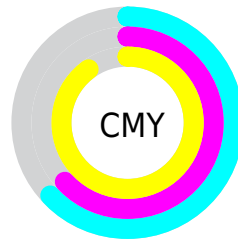


Cyan (0%)

Magenta (0%)

Yellow (74%)

Black (63%)



Cyan (63%)


Magenta (63%)

Yellow (90%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 10.6875, 0.4051, 0.4818 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 10.6875, 0.4051, 0.4818 by changing the saturation by 10% instead.


 10.6875, 0.4051,
0.4818


 10.6875, 0.4051,
0.4818


 195.5109, 0.3530,
0.3888


 5.8571, 0.4168,
0.5097

 27.0808, 0.3858,
0.4439


 2.7584, 0.4389,
0.5611


 39.4126, 0.3785,
0.4308

 1.0069, 0.4170,
0.5830

 55.0136, 0.3723,
0.4203

 0.0000, 0.0000,
0.0000

 74.2682, 0.3672,
0.4117

 97.5608, 0.3628,
0.4045

 125.2759, 0.3590,

0.3985

 157.7978, 0.3558,
0.3933

 10.6875, 0.4051,
0.4818


 10.6875, 0.4051,
0.4818


 10.6536, 0.4118,
0.4929

 10.7363, 0.3962,
0.4671


 10.6307, 0.4165,
0.5007

 10.7999, 0.3854,
0.4492

 10.6175, 0.4193,
0.5053

 10.8799, 0.3730,
0.4287

 10.9772, 0.3596,
0.4066

 11.0929, 0.3457,
0.3835

■ 11.2278, 0.3316,
0.3602

■ 11.3828, 0.3177,
0.3373

■ 11.5585, 0.3043,
0.3151

■ 11.7558, 0.2917,
0.2942

Harmonies

Analogous

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



10.6875, 0.4671, 0.4301



10.6875, 0.4051, 0.4818



10.6875, 0.3235, 0.4906

Triad

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



10.6875, 0.4051, 0.4818



10.6875, 0.1638, 0.2518



10.6875, 0.3713, 0.2511

Complementary

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



10.6875, 0.4051, 0.4818



1.7285, 0.1809, 0.1111

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.



10.6875, 0.2807, 0.2132



10.6875, 0.4051, 0.4818



10.6875, 0.1725, 0.2086

Square

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



10.6875, 0.4051, 0.4818



10.6875, 0.1869, 0.3319



10.6875, 0.2113, 0.1977



10.6875, 0.4528, 0.3051

Rectangle

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



10.6875, 0.4051, 0.4818



10.6875, 0.2685, 0.4575



10.6875, 0.2113, 0.1977



10.6875, 0.3402, 0.2363

Sweetspot

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



10.6880, 0.4051, 0.4818



19.0187, 0.3442, 0.3811



3.1987, 0.5404, 0.3297



4.5489, 0.3465, 0.3849



50.7079, 0.3127, 0.3290



4.6964, 0.3127, 0.3290

Same Dimension

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



10.6880, 0.4051, 0.4818



18.2160, 0.4152, 0.4985



9.2165, 0.3460, 0.5200



2.9691, 0.3249, 0.3492



15.0885, 0.4193, 0.5053



80.6059, 0.4193, 0.5053

Inverse Universe

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



1.7285, 0.1809, 0.1111



1.8472, 0.1594, 0.0756



2.4823, 0.2397, 0.1391



2.5160, 0.3000, 0.3080



1.1745, 0.1500, 0.0600



6.2738, 0.1500, 0.0600

Previews

White Background



This preview shows how the Yxy color 10.6875, 0.4051, 0.4818 looks on a white background.

Color Contrast Check

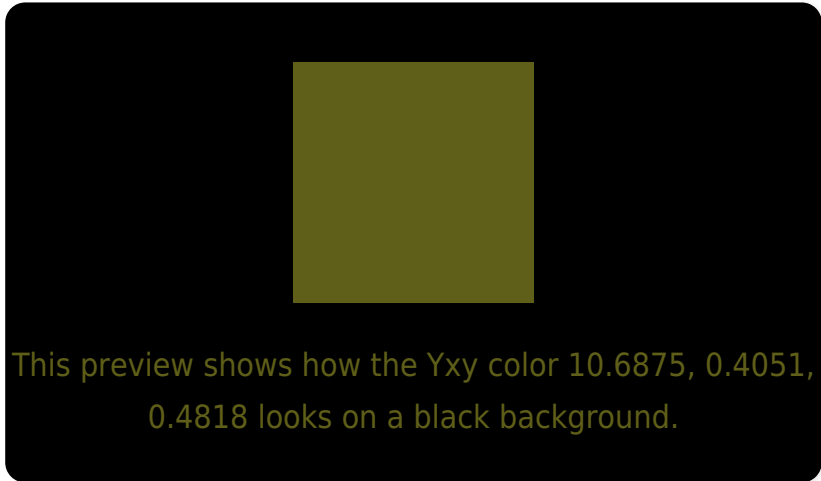
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

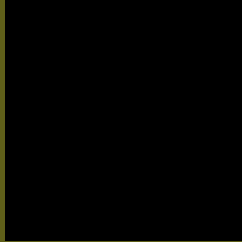
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.6875, 0.4051, 0.4818

Background



This preview shows how black text looks on a background with the Yxy color 10.6875, 0.4051, 0.4818.



This preview shows how white text looks on a background with the Yxy color 10.6875, 0.4051, 0.4818.

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

10.6875, 0.4051, 0.4818

Protanopia

10.6038, 0.4242, 0.4693

Deuteranopia

10.5451, 0.4490, 0.4430



Tritanopia

10.7560, 0.3215, 0.3130

Trichromacy



Original Color

10.6875, 0.4051, 0.4818

Protanomaly

10.6040, 0.4175, 0.4743

Deuteranomaly

10.5796, 0.4333, 0.4567

Tritanomaly

10.5770, 0.3584, 0.3794

Monochromacy



Original Color

10.6875, 0.4051, 0.4818

Achromatopsia

9.5307, 0.3127, 0.3290

Achromatomaly

9.8562, 0.3527, 0.3951

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.6875, 0.4051, 0.4818 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 $rgb(95, 95, 25)$ looks like.

```
.text, #text, p{  
    color:rgb(95, 95, 25)  
}
```

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(95, 95, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 95, 25) }
```

Border

The CSS property to change the border of an element to Yxy 10.6875, 0.4051, 0.4818 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(95, 95, 25) }
```

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

```
.border{ border-color:rgb(95, 95, 25) }
```

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

Here you see how a box with a 4 pixel rgb(95, 95, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 95, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 95, 25);  
box-shadow:4px 4px 4px 4px rgb(95, 95, 25)  
}
```


Background

The CSS property to change the background color of an element to Yxy 10.6875, 0.4051, 0.4818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 95, 25) }
```

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

```
.background{ background-color: rgb(95, 95,  
25) }
```

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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