

Converting Colors

$Y_{xy}(17.8931, 0.3406, 0.3760)$

Have a look what the booklet for
Yxy(17.8931, 0.3406, 0.3760)
contains.

Yxy(17.9418, 0.3415, 0.3766)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(17.9418, 0.3415, 0.3766)

Conversions

Conversions Part 1

Format	Color
Hex	77775F
RGB	119, 119, 95
RGB Percent	47%, 47%, 37%
CMY	0.5333, 0.5333, 0.6275
CMYK	0.00, 0.00, 0.20, 0.53
HSL	60°, 11%, 42%
HSV	60°, 20%, 47%
XYZ	16.2696, 17.9418, 13.4301
YIQ	116.2640, 7.7040, -7.4640

Conversions

Conversions Part 2

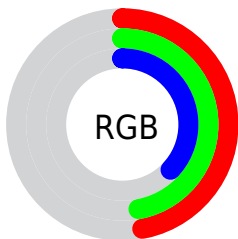
Format	Color
RYB	95, 119, 95
Decimal	7829343
CIELab	49.43, -4.39, 13.25
CIELCh	49, 13.953, 108.325
Yxy	17.9418, 0.3415, 0.3766
Android (android.graphics.Color)	4286019423 (0xFF77775F)
YUV	116.2640, -10.4832, 2.3995
Hunter-Lab	42.3578, -5.5644, 10.8517

Details

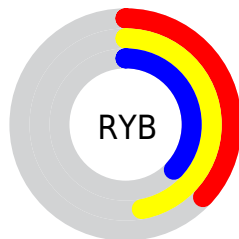
The Yxy color **17.9418, 0.3415, 0.3766** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.9480, 0.2810, 0.2765**, and the grayscale version is **17.5814, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.8591, 0.3342, 0.3645**, and **6.0303, 0.3520, 0.3980** is the 20% darker color. If you saturate the color by 10%, you get **17.7422, 0.3559, 0.4004**, and if you desaturate by 10%, it is **18.1760, 0.3271, 0.3527**.

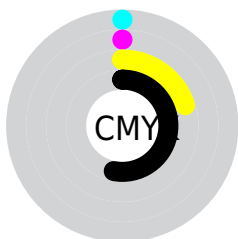
Distribution



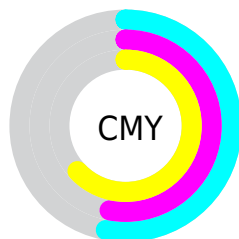
- Red (47%)
- Green (47%)
- Blue (37%)



- Red (37%)
- Yellow (47%)
- Blue (37%)



- Cyan (0%)
- Magenta (0%)
- Yellow (20%)
- Black (53%)




- Cyan (53%)
- Magenta (53%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.9418, 0.3415, 0.3766 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 17.9418, 0.3415, 0.3766 by changing the saturation by 10% instead.


 17.9418, 0.3415,
0.3766

 17.9418, 0.3415,
0.3766


240.5428, 0.3250,
0.3488


 10.9082, 0.3465,
0.3854


 39.9381, 0.3349,
0.3653


 6.0051, 0.3534,
0.3980

 55.6697, 0.3326,
0.3614

 2.8482, 0.3638,
0.4177

 75.0693, 0.3308,
0.3583

 1.0530, 0.4121,
0.4901

 98.5214, 0.3292,
0.3557

 0.0000, 0.0000,
0.0000

126.4104, 0.3279,
0.3536

159.1207, 0.3268,

0.3517

197.0367, 0.3259,
0.3502

■ 17.9418, 0.3415,
0.3766

■ 17.9418, 0.3415,
0.3766

■ 17.7422, 0.3559,
0.4004

■ 18.1760, 0.3271,
0.3527

■ 17.5734, 0.3698,
0.4235

■ 18.4439, 0.3130,
0.3294

■ 17.4346, 0.3828,
0.4449

■ 18.7476, 0.2995,
0.3071

■ 17.3240, 0.3943,
0.4639

■ 19.0883, 0.2868,
0.2861

■ 17.2396, 0.4038,
0.4796

■ 19.4673, 0.2749,
0.2665

■ 17.1794, 0.4110,
0.4916

■ 19.8856, 0.2641,
0.2486

■ 17.1407, 0.4159,
0.4997

■ 20.3444, 0.2541,
0.2321

■ 17.1147, 0.4193,
0.5053

■ 20.8446, 0.2451,
0.2172

■ 21.3874, 0.2369,
0.2036

Harmonies

Analogous

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



17.9418, 0.3602, 0.3679



17.9418, 0.3415, 0.3766



17.9418, 0.3155, 0.3717

Triad

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



17.9418, 0.3415, 0.3766



17.9418, 0.2622, 0.3050



17.9418, 0.3352, 0.3060

Complementary

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



17.9418, 0.3415, 0.3766



11.9480, 0.2810, 0.2765

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.



17.9418, 0.3081, 0.2907



17.9418, 0.3415, 0.3766



17.9418, 0.2668, 0.2893

Square

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



17.9418, 0.3415, 0.3766



17.9418, 0.2703, 0.3286



17.9418, 0.2832, 0.2845



17.9418, 0.3568, 0.3271

Rectangle

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



17.9418, 0.3415, 0.3766



17.9418, 0.2978, 0.3608



17.9418, 0.2832, 0.2845



17.9418, 0.3264, 0.3001

Sweetspot

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



17.9426, 0.3415, 0.3766



32.7311, 0.3213, 0.3432



12.9315, 0.3503, 0.3291



7.7514, 0.3220, 0.3444



62.0916, 0.3127, 0.3290



7.8288, 0.3127, 0.3290

Same Dimension

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



17.9426, 0.3415, 0.3766



31.9615, 0.3479, 0.3872



17.1465, 0.3256, 0.3791



4.2662, 0.3254, 0.3500



18.1819, 0.4193, 0.5053



88.6020, 0.4193, 0.5053

Inverse Universe

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



11.9480, 0.2810, 0.2765



19.2609, 0.2730, 0.2633



12.6409, 0.2976, 0.2790



3.5899, 0.2995, 0.3071



1.4153, 0.1500, 0.0600



6.8963, 0.1500, 0.0600

Previews

White Background



This preview shows how the Yxy color 17.9418, 0.3415, 0.3766 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 17.9418, 0.3415, 0.3766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

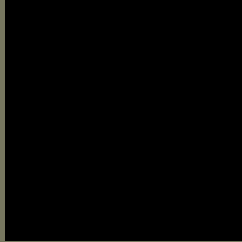
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.9418, 0.3415, 0.3766

Background



This preview shows how black text looks on a background with the Yxy color 17.9418, 0.3415, 0.3766.



This preview shows how white text looks on a background with the Yxy color 17.9418, 0.3415, 0.3766.

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

17.9418, 0.3415, 0.3766

Protanopia

17.8907, 0.3517, 0.3736

Deuteranopia

17.8890, 0.3662, 0.3605



Tritanopia

17.9277, 0.3122, 0.3121

Trichromacy



Original Color

17.9418, 0.3415, 0.3766

Protanomaly

17.9760, 0.3485, 0.3759

Deuteranomaly

17.8518, 0.3569, 0.3651

Tritanomaly

17.8206, 0.3241, 0.3348

Monochromacy



Original Color

17.9418, 0.3415, 0.3766

Achromatopsia

17.4647, 0.3127, 0.3290

Achromatomaly

17.5872, 0.3235, 0.3468

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.9418, 0.3415, 0.3766 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(119, 119, 95)` looks like.

```
.text, #text, p{  
    color:rgb(119, 119, 95)  
}
```

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(119, 119, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 119, 95) }
```

Border

The CSS property to change the border of an element to Yxy 17.9418, 0.3415, 0.3766 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(119, 119, 95) }
```

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

```
.border{ border-color:rgb(119, 119, 95) }
```

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

Here you see how a box with a 4 pixel rgb(119, 119, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 119, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 119, 95);  
box-shadow:4px 4px 4px 4px rgb(119, 119,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 17.9418, 0.3415, 0.3766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 119, 95) }
```

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

```
.background{ background-color: rgb(119,  
119, 95) }
```

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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