

Converting Colors

$Y_{xy}(17.5556, 0.3763, 0.3015)$

Have a look what the booklet for
Yxy(17.5556, 0.3763, 0.3015)
contains.

Yxy(17.5556, 0.3763, 0.3015)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(17.5556, 0.3763, 0.3015)

Conversions

Conversions Part 1

Format	Color
Hex	9F6374
RGB	159, 99, 116
RGB Percent	62%, 39%, 45%
CMY	0.3765, 0.6117, 0.5450
CMYK	0.00, 0.38, 0.27, 0.38
HSL	343°, 24%, 51%
HSV	343°, 38%, 62%
XYZ	21.9110, 17.5556, 18.7609
YIQ	118.8780, 30.3030, 18.0070

Conversions

Conversions Part 2

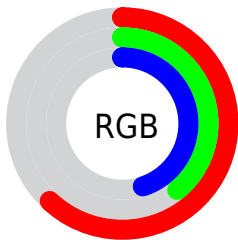
Format	Color
R _Y B	159, 99, 116
Decimal	10445684
CIE Lab	48.95, 26.61, 0.70
CIE LCh	49, 26.622, 1.498
Yxy	17.5556, 0.3763, 0.3015
Android (android.graphics.Color)	4288635764 (0xFF9F6374)
YUV	118.8780, -1.4189, 35.1870
Hunter-Lab	41.8994, 20.0215, 2.7818

Details

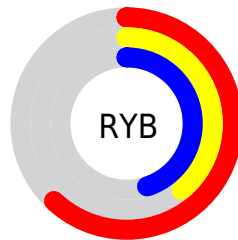
The Yxy color **17.5556, 0.3763, 0.3015** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **29.3975, 0.2738, 0.3590**, and the grayscale version is **18.4054, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.4074, 0.3612, 0.3084**, and **5.8492, 0.4048, 0.2897** is the 20% darker color. If you saturate the color by 10%, you get **14.5853, 0.4022, 0.2944**, and if you desaturate by 10%, it is **21.1531, 0.3546, 0.3090**.

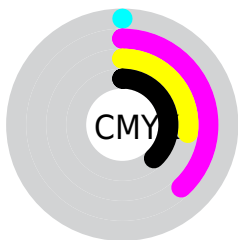
Distribution



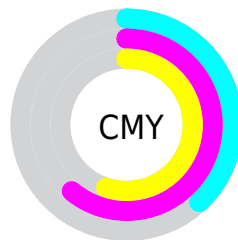
- Red (62%)
- Green (39%)
- Blue (45%)



- Red (62%)
- Yellow (39%)
- Blue (45%)



- Cyan (0%)
- Magenta (38%)
- Yellow (27%)
- Black (38%)





- Cyan (38%)
- Magenta (61%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.5556, 0.3763, 0.3015 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 17.5556, 0.3763, 0.3015 by changing the saturation by 10% instead.


 17.5556, 0.3763,
0.3015


 17.5556, 0.3763,
0.3015


238.3541, 0.3394,
0.3176


 10.6314, 0.3878,
0.2965


 39.2786, 0.3614,
0.3080


 5.8196, 0.4044,
0.2892

 54.8462, 0.3562,
0.3103

 2.7357, 0.4301,
0.2778

 74.0637, 0.3521,
0.3121

 0.9953, 0.4753,
0.2576

 97.3156, 0.3487,
0.3135

 0.0000, 1.0000,
0.0000

124.9862, 0.3458,
0.3148

 0.0000, 0.0000,
0.0000

157.4598, 0.3433,

0.3158

195.1210, 0.3412,
0.3168

■ 17.5556, 0.3763,
0.3015

■ 17.5556, 0.3763,
0.3015

■ 14.5853, 0.4022,
0.2944

■ 21.1531, 0.3546,
0.3090

■ 12.2037, 0.4326,
0.2885

■ 25.4086, 0.3368,
0.3165

■ 10.3715, 0.4668,
0.2846


■ 30.3538, 0.3221,
0.3237

■ 9.0441, 0.5034,
0.2840


■ 36.0175, 0.3102,
0.3305

■ 8.1694, 0.5395,
0.2875


■ 42.4271, 0.3005,
0.3367

 7.6588, 0.5721,
0.2948

 49.6083, 0.2925,
0.3424

 7.5597, 0.5792,
0.2964

 57.5857, 0.2859,
0.3477

 66.3829, 0.2805,
0.3524

 76.0223, 0.2759,
0.3568

Harmonies

Analogous

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



17.5556, 0.3257, 0.2694



17.5556, 0.3763, 0.3015



17.5556, 0.4095, 0.3410

Triad

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



17.5556, 0.3763, 0.3015



17.5556, 0.3445, 0.4224



17.5556, 0.2205, 0.2666

Complementary

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



17.5556, 0.3763, 0.3015



29.3975, 0.2738, 0.3590

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.



17.5556, 0.2245, 0.3045



17.5556, 0.3763, 0.3015



17.5556, 0.2938, 0.4016

Square

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



17.5556, 0.3763, 0.3015



17.5556, 0.3889, 0.4122



17.5556, 0.2503, 0.3554



17.5556, 0.2381, 0.2486

Rectangle

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



17.5556, 0.3763, 0.3015



17.5556, 0.4158, 0.3681



17.5556, 0.2503, 0.3554



17.5556, 0.2194, 0.2772

Sweetspot

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



17.5564, 0.3763, 0.3015



51.1404, 0.3269, 0.3213



17.0905, 0.2943, 0.2318



11.2740, 0.3287, 0.3204



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



17.5564, 0.3763, 0.3015



27.0379, 0.3971, 0.2957



19.6407, 0.3949, 0.3489



6.6755, 0.3242, 0.3227



5.9783, 0.5770, 0.2952



0.1136, 0.4763, 0.2397

Inverse Universe

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



17.5564, 0.3763, 0.3015



27.0379, 0.3971, 0.2957



26.0208, 0.2583, 0.3079



6.6755, 0.3242, 0.3227



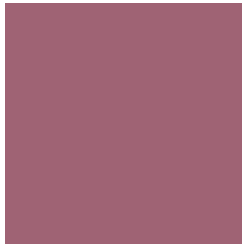
5.9783, 0.5770, 0.2952



0.1136, 0.4763, 0.2397

Previews

White Background



This preview shows how the Yxy color 17.5556, 0.3763, 0.3015 looks on a white background.

Color Contrast Check

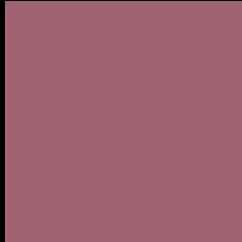
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.5556, 0.3763, 0.3015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

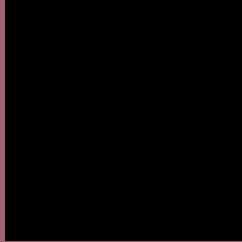
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.5556, 0.3763, 0.3015

Background



This preview shows how black text looks on a background with the Yxy color 17.5556, 0.3763, 0.3015.



This preview shows how white text looks on a background with the Yxy color 17.5556, 0.3763, 0.3015.

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

17.5556, 0.3763, 0.3015

Protanopia

17.7101, 0.3011, 0.3098

Deuteranopia

17.6923, 0.3328, 0.3272



Tritanopia

17.4662, 0.3866, 0.3161

Trichromacy



Original Color

17.5556, 0.3763, 0.3015

Protanomaly

17.4625, 0.3271, 0.3071

Deuteranomaly

17.5384, 0.3479, 0.3166

Tritanomaly

17.5311, 0.3820, 0.3111

Monochromacy



Original Color

17.5556, 0.3763, 0.3015

Achromatopsia

18.4475, 0.3127, 0.3290

Achromatomaly

17.9647, 0.3346, 0.3181

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.5556, 0.3763, 0.3015 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(159, 99, 116)` looks like.

```
.text, #text, p{  
    color:rgb(159, 99, 116)  
}
```

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(159, 99, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 99, 116) }
```

Border

The CSS property to change the border of an element to Yxy 17.5556, 0.3763, 0.3015 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(159, 99, 116) }
```

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

```
.border{ border-color:rgb(159, 99, 116) }
```

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

Here you see how a box with a 4 pixel rgb(159, 99, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 99, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 99, 116);  
box-shadow:4px 4px 4px 4px rgb(159, 99,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 17.5556, 0.3763, 0.3015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 99, 116) }
```

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

```
.background{ background-color: rgb(159, 99,  
116) }
```

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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