

Converting Colors

$Y_{xy}(17.9930, 0.3588, 0.3986)$

Have a look what the booklet for
Yxy(17.9930, 0.3588, 0.3986)
contains.

Yxy(17.9713, 0.3590, 0.3976)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(17.9713, 0.3590, 0.3976)

Conversions

Conversions Part 1

Format	Color
Hex	7A7754
RGB	122, 119, 84
RGB Percent	48%, 47%, 33%
CMY	0.5214, 0.5334, 0.6706
CMYK	0.00, 0.02, 0.31, 0.52
HSL	55°, 18%, 40%
HSV	55°, 31%, 48%
XYZ	16.2266, 17.9713, 11.0015
YIQ	115.9070, 13.0230, -10.2490

Conversions

Conversions Part 2

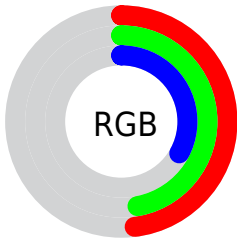
Format	Color
RYB	87, 122, 84
Decimal	8025940
CIELab	49.46, -4.79, 19.71
CIELCh	49, 20.285, 103.648
Yxy	17.9713, 0.3590, 0.3976
Android (android.graphics.Color)	4286216020 (0xFF7A7754)
YUV	115.9070, -15.7302, 5.3436
Hunter-Lab	42.3926, -5.8626, 14.2881

Details

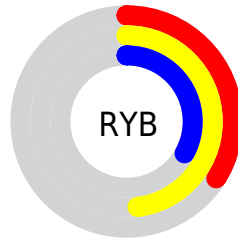
The Yxy color **17.9713, 0.3590, 0.3976** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **10.1143, 0.2612, 0.2496**, and the grayscale version is **17.4828, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.9610, 0.3486, 0.3811**, and **6.0629, 0.3785, 0.4289** is the 20% darker color. If you saturate the color by 10%, you get **17.5663, 0.3741, 0.4192**, and if you desaturate by 10%, it is **18.4137, 0.3438, 0.3753**.

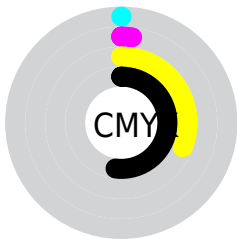
Distribution



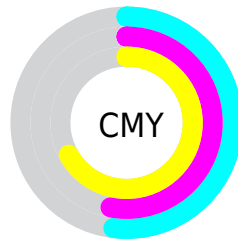
- Red (48%)
- Green (47%)
- Blue (33%)



- Red (34%)
- Yellow (48%)
- Blue (33%)



- Cyan (0%)
- Magenta (2%)
- Yellow (31%)
- Black (52%)



- Cyan (52%)
- Magenta (53%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 17.9713, 0.3590, 0.3976 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 17.9713, 0.3590, 0.3976 by changing the saturation by 10% instead.

■ 17.9713, 0.3590,
0.3976

■ 17.9713, 0.3590,
0.3976

■ 240.7092, 0.3327,
0.3576

■ 10.9294, 0.3667,
0.4100

■ 39.9884, 0.3486,
0.3814

■ 6.0194, 0.3773,
0.4275

■ 55.7324, 0.3450,
0.3759

■ 2.8569, 0.3922,
0.4540

■ 75.1459, 0.3420,
0.3714

■ 1.0575, 0.4540,
0.5460

■ 98.6132, 0.3395,
0.3677

■ 0.0000, 0.0000,
0.0000

■ 126.5188, 0.3374,
0.3646

159.2471, 0.3356,

0.3619

197.1824, 0.3341,
0.3596

■ 17.9713, 0.3590,
0.3976

■ 17.9713, 0.3590,
0.3976

■ 17.5663, 0.3741,
0.4192

■ 18.4137, 0.3438,
0.3753

■ 17.1944, 0.3885,
0.4394

■ 18.8926, 0.3288,
0.3531

■ 16.8546, 0.4016,
0.4572

■ 19.4103, 0.3143,
0.3315

■ 16.5447, 0.4130,
0.4719

■ 19.9682, 0.3007,
0.3108

■ 16.2625, 0.4221,
0.4829

■ 20.5677, 0.2880,
0.2913

■ 16.0052, 0.4288,
0.4898

■ 21.2101, 0.2763,
0.2733

■ 15.7898, 0.4335,
0.4940

■ 21.8966, 0.2656,
0.2566

■ 22.6284, 0.2559,
0.2413

■ 23.4065, 0.2471,
0.2273

Harmonies

Analogous

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



17.9713, 0.3843, 0.3807



17.9713, 0.3590, 0.3976



17.9713, 0.3221, 0.3948

Triad

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



17.9713, 0.3590, 0.3976



17.9713, 0.2413, 0.2980



17.9713, 0.3391, 0.2921

Complementary

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



17.9713, 0.3590, 0.3976



10.1143, 0.2612, 0.2496

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.



17.9713, 0.2995, 0.2725



17.9713, 0.3590, 0.3976



17.9713, 0.2450, 0.2741

Square

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



17.9713, 0.3590, 0.3976



17.9713, 0.2551, 0.3335



17.9713, 0.2656, 0.2656



17.9713, 0.3730, 0.3205

Rectangle

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



17.9713, 0.3590, 0.3976



17.9713, 0.2963, 0.3807



17.9713, 0.2656, 0.2656



17.9713, 0.3259, 0.2843

Sweetspot

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



17.9721, 0.3590, 0.3976



33.3902, 0.3259, 0.3488



11.1721, 0.3733, 0.3226



7.6104, 0.3277, 0.3515



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.



17.9721, 0.3590, 0.3976



31.1132, 0.3692, 0.4123



17.6429, 0.3363, 0.4084



4.5818, 0.3257, 0.3485



16.6091, 0.4335, 0.4940



78.6452, 0.4343, 0.4933

Inverse Universe

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



10.1143, 0.2612, 0.2496



15.1157, 0.2483, 0.2293



10.4479, 0.2827, 0.2477



3.9403, 0.2994, 0.3087



1.6962, 0.1522, 0.0678



7.5635, 0.1511, 0.0639

Previews

White Background



This preview shows how the Yxy color 17.9713, 0.3590, 0.3976 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 17.9713, 0.3590, 0.3976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

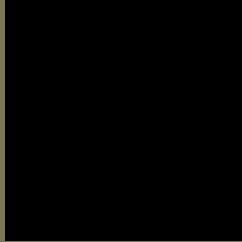
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.9713, 0.3590, 0.3976

Background



This preview shows how black text looks on a background with the Yxy color 17.9713, 0.3590, 0.3976.



This preview shows how white text looks on a background with the Yxy color 17.9713, 0.3590, 0.3976.

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

17.9713, 0.3590, 0.3976

Protanopia

17.8591, 0.3682, 0.3944

Deuteranopia

17.9551, 0.3850, 0.3800



Tritanopia

17.9767, 0.3187, 0.3123

Trichromacy



Original Color

17.9713, 0.3590, 0.3976

Protanomaly

17.9414, 0.3649, 0.3968

Deuteranomaly

17.9039, 0.3753, 0.3852

Tritanomaly

17.9549, 0.3331, 0.3424

Monochromacy



Original Color

17.9713, 0.3590, 0.3976

Achromatopsia

17.4647, 0.3127, 0.3290

Achromatomaly

17.5736, 0.3297, 0.3548

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.9713, 0.3590, 0.3976 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(122, 119, 84)` looks like.

```
.text, #text, p{  
    color:rgb(122, 119, 84)  
}
```

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(122, 119, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 119, 84) }
```

Border

The CSS property to change the border of an element to Yxy 17.9713, 0.3590, 0.3976 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(122, 119, 84) }
```

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

```
.border{ border-color:rgb(122, 119, 84) }
```

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

Here you see how a box with a 4 pixel rgb(122, 119, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 119, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 119, 84);  
box-shadow:4px 4px 4px 4px rgb(122, 119,  
84) }
```


Background

The CSS property to change the background color of an element to Yxy 17.9713, 0.3590, 0.3976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 119, 84) }
```

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

```
.background{ background-color: rgb(122,  
119, 84) }
```

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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