

Converting Colors

$Y_{xy}(17.9837, 0.4232, 0.3582)$

Have a look what the booklet for
Yxy(17.9837, 0.4232, 0.3582)
contains.

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Color

Yxy(17.9334, 0.4232, 0.3582)

Conversions

Conversions Part 1

Format	Color
Hex	A16755
RGB	161, 103, 85
RGB Percent	63%, 40%, 33%
CMY	0.3687, 0.5961, 0.6666
CMYK	0.00, 0.36, 0.47, 0.37
HSL	14°, 31%, 48%
HSV	14°, 47%, 63%
XYZ	21.1876, 17.9334, 10.9443
YIQ	118.2900, 40.3460, 6.6980

Conversions

Conversions Part 2

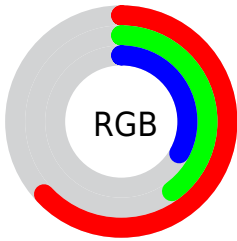
Format	Color
R_{YB}	161, 109, 85
Decimal	10577749
CIE _{Lab}	49.42, 21.21, 19.79
CIE _{LCh}	49, 29.009, 43.027
Yxy	17.9334, 0.4232, 0.3582
Android (android.graphics.Color)	4288767829 (0xFFA16755)
YUV	118.2900, -16.4120, 37.4567
Hunter-Lab	42.3478, 15.1991, 14.3207

Details

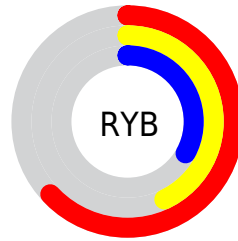
The Yxy color **17.9334, 0.4232, 0.3582** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.1543, 0.2455, 0.2964**, and the grayscale version is **18.2564, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.0974, 0.3969, 0.3536**, and **6.0114, 0.4712, 0.3626** is the 20% darker color. If you saturate the color by 10%, you get **15.4390, 0.4585, 0.3633**, and if you desaturate by 10%, it is **20.8472, 0.3921, 0.3521**.

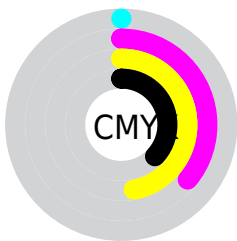
Distribution



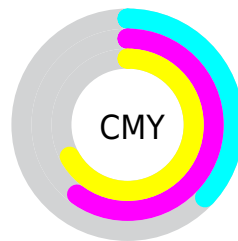
- Red (63%)
- Green (40%)
- Blue (33%)



- Red (63%)
- Yellow (43%)
- Blue (33%)



- Cyan (0%)
- Magenta (36%)
- Yellow (47%)
- Black (37%)




- Cyan (37%)
- Magenta (60%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.9334, 0.4232, 0.3582 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 17.9334, 0.4232, 0.3582 by changing the saturation by 10% instead.


 17.9334, 0.4232,
0.3582


 17.9334, 0.4232,
0.3582


240.4954, 0.3588,
0.3438


 10.9022, 0.4430,
0.3611


 39.9238, 0.3972,
0.3533


 6.0011, 0.4709,
0.3639


 55.6518, 0.3883,
0.3513

 2.8457, 0.5124,
0.3649

 75.0475, 0.3810,
0.3496

 1.0517, 0.6178,
0.3822

 98.4953, 0.3750,
0.3481

 0.0000, 1.0000,
0.0000

 126.3796, 0.3700,
0.3468

 0.0000, 0.0000,
0.0000

159.0848, 0.3657,

0.3457

196.9952, 0.3620,
0.3447

■ 17.9334, 0.4232,
0.3582

■ 17.9334, 0.4232,
0.3582

■ 15.4390, 0.4585,
0.3633

■ 20.8472, 0.3921,
0.3521

■ 13.3416, 0.4970,
0.3665

■ 24.1959, 0.3655,
0.3456

■ 11.6209, 0.5361,
0.3668


■ 27.9977, 0.3431,
0.3392


■ 10.2535, 0.5721,
0.3634


■ 32.2687, 0.3243,
0.3331

■ 9.2113, 0.6013,
0.3566


■ 37.0244, 0.3086,
0.3274

 8.9692, 0.6088,
0.3548

 42.2795, 0.2955,
0.3222

 48.0480, 0.2845,
0.3174

 54.3435, 0.2752,
0.3131

 61.1789, 0.2674,
0.3091

Harmonies

Analogous

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



17.9334, 0.3986, 0.3149



17.9334, 0.4232, 0.3582



17.9334, 0.4146, 0.3991

Triad

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



17.9334, 0.4232, 0.3582



17.9334, 0.2723, 0.3909



17.9334, 0.2455, 0.2411

Complementary

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



17.9334, 0.4232, 0.3582



24.1543, 0.2455, 0.2964

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.



17.9334, 0.2183, 0.2517



17.9334, 0.4232, 0.3582



17.9334, 0.2322, 0.3354

Square

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



17.9334, 0.4232, 0.3582



17.9334, 0.3255, 0.4261



17.9334, 0.2135, 0.2841



17.9334, 0.2919, 0.2506

Rectangle

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



17.9334, 0.4232, 0.3582



17.9334, 0.3926, 0.4198



17.9334, 0.2135, 0.2841



17.9334, 0.2340, 0.2423

Sweetspot

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



17.9343, 0.4232, 0.3582



52.2947, 0.3372, 0.3374



16.0687, 0.3423, 0.2399



11.1398, 0.3412, 0.3387



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.



17.9343, 0.4232, 0.3582



27.2923, 0.4618, 0.3637



27.2044, 0.3941, 0.4152



7.3455, 0.3279, 0.3344



7.2187, 0.6075, 0.3559



0.2189, 0.5435, 0.4067

Inverse Universe

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



24.1543, 0.2455, 0.2964



39.7810, 0.2329, 0.2875



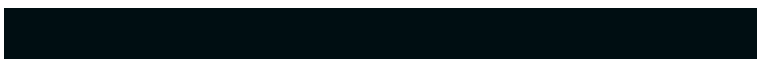
14.6665, 0.2324, 0.2233



7.7258, 0.2987, 0.3236



13.4128, 0.2034, 0.2522



0.3473, 0.2120, 0.2832

Previews

White Background



This preview shows how the Yxy color 17.9334, 0.4232, 0.3582 looks on a white background.

Color Contrast Check

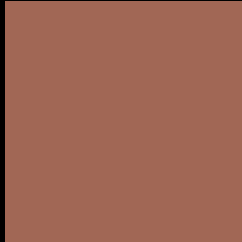
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.9334, 0.4232, 0.3582 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

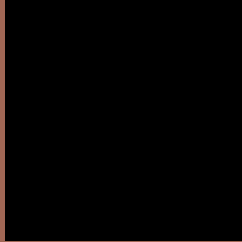
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.9334, 0.4232, 0.3582

Background



This preview shows how black text looks on a background with the Yxy color 17.9334, 0.4232, 0.3582.



This preview shows how white text looks on a background with the Yxy color 17.9334, 0.4232, 0.3582.

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

17.9334, 0.4232, 0.3582

Protanopia

18.1652, 0.3551, 0.3791

Deuteranopia

18.0102, 0.3891, 0.3833



Tritanopia

17.9624, 0.3951, 0.3180

Trichromacy



Original Color

17.9334, 0.4232, 0.3582

Protanomaly

18.0205, 0.3797, 0.3728

Deuteranomaly

17.8733, 0.4019, 0.3725

Tritanomaly

17.8896, 0.4053, 0.3325

Monochromacy



Original Color

17.9334, 0.4232, 0.3582

Achromatopsia

18.1164, 0.3127, 0.3290

Achromatomaly

17.9192, 0.3501, 0.3421

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.9334, 0.4232, 0.3582 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(161, 103, 85)` looks like.

```
.text, #text, p{  
    color:rgb(161, 103, 85)  
}
```

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(161, 103, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 103, 85) }
```

Border

The CSS property to change the border of an element to Yxy 17.9334, 0.4232, 0.3582 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(161, 103, 85) }
```

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

```
.border{ border-color:rgb(161, 103, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 103, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 103, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 103, 85);  
box-shadow:4px 4px 4px 4px rgb(161, 103,  
85) }
```


Background

The CSS property to change the background color of an element to Yxy 17.9334, 0.4232, 0.3582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 103, 85) }
```

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

```
.background{ background-color: rgb(161,  
103, 85) }
```

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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