

Converting Colors

$Y_{xy}(19.2237, 0.3505, 0.3723)$

Have a look what the booklet for
Yxy(19.2237, 0.3505, 0.3723)
contains.

Yxy(19.2237, 0.3505, 0.3723)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(19.2237, 0.3505, 0.3723)

Conversions

Conversions Part 1

Format	Color
Hex	817962
RGB	129, 121, 98
RGB Percent	51%, 47%, 38%
CMY	0.4940, 0.5255, 0.6157
CMYK	0.00, 0.06, 0.24, 0.49
HSL	44°, 14%, 45%
HSV	44°, 24%, 51%
XYZ	18.0981, 19.2237, 14.3132
YIQ	120.7700, 12.1510, -5.4570

Conversions

Conversions Part 2

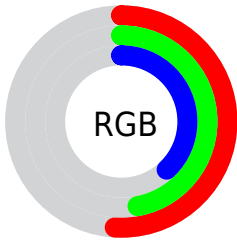
Format	Color
R_{YB}	109, 129, 98
Decimal	8485218
CIE _{Lab}	50.95, -0.92, 13.73
CIE _{LCh}	51, 13.765, 93.817
Yxy	19.2237, 0.3505, 0.3723
Android (android.graphics.Color)	4286675298 (0xFF817962)
YUV	120.7700, -11.2256, 7.2177
Hunter-Lab	43.8448, -3.0481, 11.3361

Details

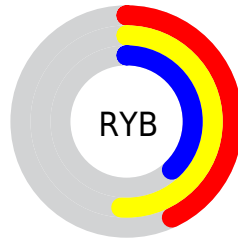
The Yxy color **19.2237, 0.3505, 0.3723** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.4978, 0.2750, 0.2816**, and the grayscale version is **19.0777, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.0021, 0.3416, 0.3617**, and **6.6664, 0.3658, 0.3930** is the 20% darker color. If you saturate the color by 10%, you get **18.2025, 0.3680, 0.3909**, and if you desaturate by 10%, it is **20.3141, 0.3339, 0.3539**.

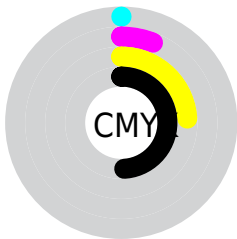
Distribution



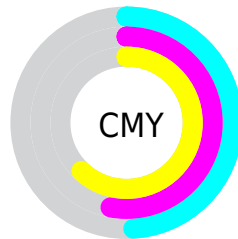
- Red (51%)
- Green (47%)
- Blue (38%)



- Red (43%)
- Yellow (51%)
- Blue (38%)



- Cyan (0%)
- Magenta (6%)
- Yellow (24%)
- Black (49%)




- Cyan (49%)
- Magenta (53%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.2237, 0.3505, 0.3723 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 19.2237, 0.3505, 0.3723 by changing the saturation by 10% instead.


 19.2237, 0.3505,
0.3723


 19.2237, 0.3505,
0.3723


247.6809, 0.3289,
0.3475


 11.8320, 0.3570,
0.3798


 42.1118, 0.3419,
0.3624


 6.6294, 0.3661,
0.3905

 58.3769, 0.3389,
0.3589

 3.2314, 0.3798,
0.4066

 78.3687, 0.3365,
0.3561

 1.2537, 0.4191,
0.4515

 102.4716, 0.3344,
0.3538

 0.1049, 0.4244,
0.5756

131.0698, 0.3327,
0.3518

 0.0000, 0.0000,
0.0000

164.5478, 0.3313,

0.3502

203.2901, 0.3300,
0.3487

■ 19.2237, 0.3505,
0.3723

■ 19.2237, 0.3505,
0.3723

■ 18.2025, 0.3680,
0.3909

■ 20.3141, 0.3339,
0.3539

■ 17.2456, 0.3862,
0.4090

■ 21.4730, 0.3186,
0.3360

■ 16.3517, 0.4045,
0.4258

■ 22.7032, 0.3045,
0.3190

■ 15.5182, 0.4223,
0.4404

■ 24.0067, 0.2917,
0.3030

■ 14.7423, 0.4389,
0.4518

■ 25.3850, 0.2801,
0.2882

■ 14.0209, 0.4533,
0.4593

■ 26.8400, 0.2697,
0.2745

■ 13.3500, 0.4652,
0.4624

■ 28.3731, 0.2603,
0.2619

■ 12.9671, 0.4720,
0.4634

■ 29.9860, 0.2519,
0.2504

■ 31.6802, 0.2444,
0.2399

Harmonies

Analogous

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



19.2237, 0.3630, 0.3588



19.2237, 0.3505, 0.3723



19.2237, 0.3280, 0.3741

Triad

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



19.2237, 0.3505, 0.3723



19.2237, 0.2662, 0.3162



19.2237, 0.3220, 0.2987

Complementary

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



19.2237, 0.3505, 0.3723



14.4978, 0.2750, 0.2816

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.



19.2237, 0.2960, 0.2879



19.2237, 0.3505, 0.3723



19.2237, 0.2647, 0.2968

Square

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



19.2237, 0.3505, 0.3723



19.2237, 0.2797, 0.3406



19.2237, 0.2753, 0.2869



19.2237, 0.3463, 0.3169

Rectangle

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



19.2237, 0.3505, 0.3723



19.2237, 0.3107, 0.3677



19.2237, 0.2753, 0.2869



19.2237, 0.3131, 0.2941

Sweetspot

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



19.2246, 0.3505, 0.3723



37.7765, 0.3232, 0.3415



14.4519, 0.3476, 0.3132



8.5297, 0.3239, 0.3423



65.5931, 0.3127, 0.3290



8.8982, 0.3127, 0.3290

Same Dimension

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



19.2246, 0.3505, 0.3723



33.3670, 0.3603, 0.3828



20.7107, 0.3383, 0.3881



4.8369, 0.3262, 0.3449



12.6450, 0.4719, 0.4635



0.0000, 0.0000, 0.0000

Inverse Universe

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



14.4978, 0.2750, 0.2816



23.3319, 0.2653, 0.2686



13.3402, 0.2830, 0.2661



4.3787, 0.2993, 0.3126



2.6331, 0.1599, 0.0955



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 19.2237, 0.3505, 0.3723 looks on a white 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

Black Background



This preview shows how the Yxy color 19.2237, 0.3505, 0.3723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

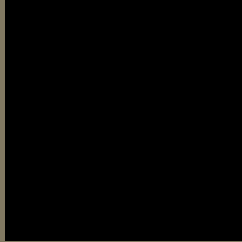
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.2237, 0.3505, 0.3723

Background



This preview shows how black text looks on a background with the Yxy color 19.2237, 0.3505, 0.3723.



This preview shows how white text looks on a background with the Yxy color 19.2237, 0.3505, 0.3723.

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

19.2237, 0.3505, 0.3723

Protanopia

19.2237, 0.3505, 0.3723

Deuteranopia

19.2862, 0.3672, 0.3613



Tritanopia

19.2155, 0.3224, 0.3129

Trichromacy



Original Color

19.2237, 0.3505, 0.3723

Protanomaly

19.2237, 0.3505, 0.3723

Deuteranomaly

19.1761, 0.3613, 0.3637

Tritanomaly

19.1234, 0.3331, 0.3327

Monochromacy



Original Color

19.2237, 0.3505, 0.3723

Achromatopsia

19.1202, 0.3127, 0.3290

Achromatomaly

19.1521, 0.3258, 0.3442

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.2237, 0.3505, 0.3723 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(129, 121, 98)` looks like.

```
.text, #text, p{  
    color:rgb(129, 121, 98)  
}
```

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(129, 121, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 121, 98) }
```

Border

The CSS property to change the border of an element to Yxy 19.2237, 0.3505, 0.3723 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(129, 121, 98) }
```

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

```
.border{ border-color:rgb(129, 121, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 121, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 121, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 121, 98);  
box-shadow:4px 4px 4px 4px rgb(129, 121,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 19.2237, 0.3505, 0.3723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 121, 98) }
```

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

```
.background{ background-color: rgb(129,  
121, 98) }
```

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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