

Converting Colors

$Y_{xy}(20.0271, 0.3532, 0.3523)$

Have a look what the booklet for
Yxy(20.0271, 0.3532, 0.3523)
contains.

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Color

Yxy(19.9834, 0.3530, 0.3524)

Conversions

Conversions Part 1

Format	Color
Hex	8B786B
RGB	139, 120, 107
RGB Percent	55%, 47%, 42%
CMY	0.4549, 0.5294, 0.5805
CMYK	0.00, 0.14, 0.23, 0.45
HSL	24°, 13%, 48%
HSV	24°, 23%, 55%
XYZ	20.0174, 19.9834, 16.7058
YIQ	124.1990, 15.4970, -0.0150

Conversions

Conversions Part 2

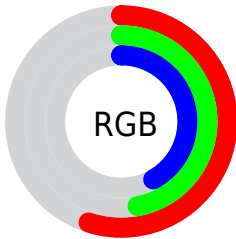
Format	Color
R_{YB}	139, 129, 107
Decimal	9140331
CIE _{Lab}	51.82, 5.16, 9.86
CIE _{LCh}	52, 11.128, 62.370
Yxy	19.9834, 0.3530, 0.3524
Android (android.graphics.Color)	4287330411 (0xFF8B786B)
YUV	124.1990, -8.4791, 12.9805
Hunter-Lab	44.7028, 1.7005, 9.1349

Details

The Yxy color **19.9834, 0.3530, 0.3524** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.9053, 0.2780, 0.3044**, and the grayscale version is **20.2508, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.3111, 0.3442, 0.3474**, and **7.0357, 0.3680, 0.3618** is the 20% darker color. If you saturate the color by 10%, you get **17.8158, 0.3750, 0.3632**, and if you desaturate by 10%, it is **22.3708, 0.3338, 0.3419**.

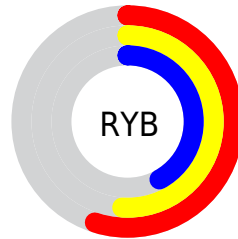
Distribution



Red (55%)

Green (47%)

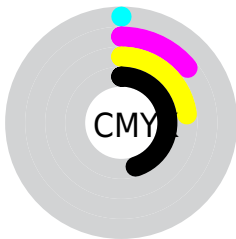
Blue (42%)



Red (55%)

Yellow (51%)

Blue (42%)

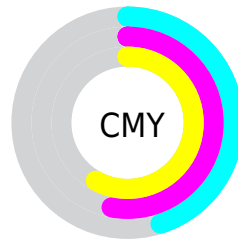


Cyan (0%)

Magenta (14%)

Yellow (23%)

Black (45%)



Cyan (45%)

Magenta (53%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.9834, 0.3530, 0.3524 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 19.9834, 0.3530, 0.3524 by changing the saturation by 10% instead.


 19.9834, 0.3530,
0.3524


 19.9834, 0.3530,
0.3524


251.8252, 0.3299,
0.3393


 12.3830, 0.3600,
0.3562


 43.3894, 0.3438,
0.3473


 7.0051, 0.3700,
0.3614

 59.9637, 0.3406,
0.3455

 3.4653, 0.3852,
0.3691

 80.2981, 0.3380,
0.3440

 1.3792, 0.4130,
0.3829

 104.7770, 0.3358,
0.3427

 0.2013, 0.6118,
0.3882

133.7847, 0.3340,
0.3417

 0.0000, 0.0000,
0.0000

167.7058, 0.3324,

0.3408

206.9245, 0.3311,
0.3400

■ 19.9834, 0.3530,
0.3524

■ 19.9834, 0.3530,
0.3524

■ 17.8158, 0.3750,
0.3632

■ 22.3708, 0.3338,
0.3419

■ 15.8586, 0.3999,
0.3738

■ 24.9814, 0.3173,
0.3319

■ 14.1060, 0.4277,
0.3836

■ 27.8222, 0.3030,
0.3226

■ 12.5505, 0.4577,
0.3917

■ 30.8988, 0.2907,
0.3139

■ 11.1845, 0.4887,
0.3969

■ 34.2167, 0.2801,
0.3060

■ 9.9993, 0.5189,
0.3981

■ 37.7813, 0.2709,
0.2987

■ 8.9856, 0.5460,
0.3944

■ 41.5977, 0.2630,
0.2921

■ 8.3697, 0.5639,
0.3904

■ 45.6709, 0.2560,
0.2860

■ 50.0058, 0.2500,
0.2805

Harmonies

Analogous

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



19.9834, 0.3512, 0.3360



19.9834, 0.3530, 0.3524



19.9834, 0.3436, 0.3633

Triad

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



19.9834, 0.3530, 0.3524



19.9834, 0.2870, 0.3392



19.9834, 0.2985, 0.2956

Complementary

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



19.9834, 0.3530, 0.3524



19.9053, 0.2780, 0.3044

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.



19.9834, 0.2821, 0.2954



19.9834, 0.3530, 0.3524



19.9834, 0.2757, 0.3199

Square

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



19.9834, 0.3530, 0.3524



19.9834, 0.3053, 0.3561



19.9834, 0.2739, 0.3040



19.9834, 0.3192, 0.3040

Rectangle

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



19.9834, 0.3530, 0.3524



19.9834, 0.3326, 0.3655



19.9834, 0.2739, 0.3040



19.9834, 0.2923, 0.2946

Sweetspot

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



19.9843, 0.3530, 0.3524



42.7621, 0.3238, 0.3359



17.5116, 0.3317, 0.2951



9.8006, 0.3246, 0.3364



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



19.9843, 0.3530, 0.3524



33.5757, 0.3649, 0.3584



24.1033, 0.3473, 0.3791



5.3608, 0.3271, 0.3379



7.5857, 0.5632, 0.3910



0.0779, 0.4941, 0.4459

Inverse Universe

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



19.9053, 0.2780, 0.3044



33.4042, 0.2695, 0.2976



16.1796, 0.2757, 0.2734



5.3531, 0.2991, 0.3199



7.2272, 0.1872, 0.1939



0.0769, 0.2055, 0.2599

Previews

White Background



This preview shows how the Yxy color 19.9834, 0.3530, 0.3524 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 19.9834, 0.3530, 0.3524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

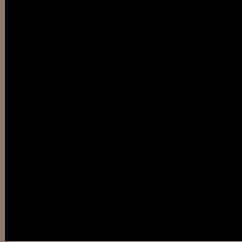
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.9834, 0.3530, 0.3524

Background



This preview shows how black text looks on a background with the Yxy color 19.9834, 0.3530, 0.3524.

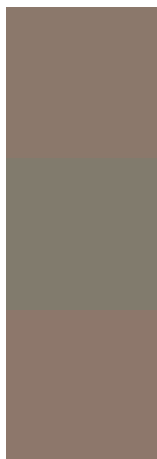


This preview shows how white text looks on a background with the Yxy color 19.9834, 0.3530, 0.3524.

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

19.9834, 0.3530, 0.3524

Protanopia

19.9372, 0.3365, 0.3550

Deuteranopia

19.9179, 0.3560, 0.3504



Tritanopia

19.8917, 0.3326, 0.3134

Trichromacy



Original Color

19.9834, 0.3530, 0.3524

Protanomaly

19.9883, 0.3432, 0.3547

Deuteranomaly

19.8306, 0.3547, 0.3505

Tritanomaly

19.8642, 0.3398, 0.3273

Monochromacy



Original Color

19.9834, 0.3530, 0.3524

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

20.1411, 0.3259, 0.3382

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.9834, 0.3530, 0.3524 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(139, 120, 107)` looks like.

```
.text, #text, p{  
    color:rgb(139, 120, 107)  
}
```

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(139, 120, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 120, 107) }
```

Border

The CSS property to change the border of an element to Yxy 19.9834, 0.3530, 0.3524 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(139, 120, 107) }
```

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

```
.border{ border-color:rgb(139, 120, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 120, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 120, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 120, 107);  
box-shadow:4px 4px 4px 4px rgb(139, 120,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 19.9834, 0.3530, 0.3524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 120, 107) }
```

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

```
.background{ background-color: rgb(139,  
120, 107) }
```

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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