

Converting Colors

$Y_{xy}(20.5705, 0.3542, 0.3087)$

Have a look what the booklet for
Yxy(20.5705, 0.3542, 0.3087)
contains.

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Color

Yxy(20.4847, 0.3545, 0.3080)

Conversions

Conversions Part 1

Format	Color
Hex	9D717E
RGB	157, 113, 126
RGB Percent	62%, 44%, 49%
CMY	0.3843, 0.5569, 0.5059
CMYK	0.00, 0.28, 0.20, 0.38
HSL	342°, 18%, 53%
HSV	342°, 28%, 62%
XYZ	23.5774, 20.4847, 22.4467
YIQ	127.6380, 22.0510, 13.3710

Conversions

Conversions Part 2

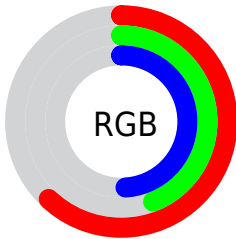
Format	Color
R_{YB}	157, 113, 126
Decimal	10318206
CIE _{Lab}	52.38, 19.42, -0.25
CIE _{LCh}	52, 19.420, 359.262
Y _{xy}	20.4847, 0.3545, 0.3080
Android (android.graphics.Color)	4288508286 (0xFF9D717E)
YUV	127.6380, -0.8075, 25.7505
Hunter-Lab	45.2600, 13.7812, 2.2771

Details

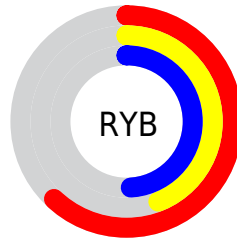
The Yxy color **20.4847, 0.3545, 0.3080** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **29.6441, 0.2832, 0.3512**, and the grayscale version is **21.4523, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.1620, 0.3445, 0.3121**, and **7.3197, 0.3722, 0.3008** is the 20% darker color. If you saturate the color by 10%, you get **17.0100, 0.3759, 0.3002**, and if you desaturate by 10%, it is **24.5990, 0.3369, 0.3158**.

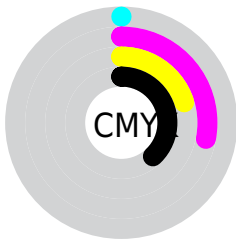
Distribution



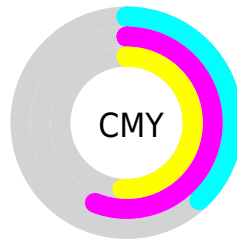
- Red (62%)
- Green (44%)
- Blue (49%)



- Red (62%)
- Yellow (44%)
- Blue (49%)



- Cyan (0%)
- Magenta (28%)
- Yellow (20%)
- Black (38%)





- Cyan (38%)
- Magenta (56%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 20.4847, 0.3545, 0.3080 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 20.4847, 0.3545, 0.3080 by changing the saturation by 10% instead.


 20.4847, 0.3545,
0.3080


 20.4847, 0.3545,
0.3080


254.5271, 0.3308,
0.3199


 12.7479, 0.3616,
0.3044


 44.2283, 0.3451,
0.3127


 7.2552, 0.3717,
0.2994


 61.0039, 0.3418,
0.3144

 3.6222, 0.3869,
0.2918

 81.5612, 0.3391,
0.3157

 1.4645, 0.4126,
0.2790

 106.2846, 0.3369,
0.3169

 0.2636, 0.5605,
0.2039

135.5585, 0.3350,
0.3178

 0.0000, 0.0000,
0.0000

169.7673, 0.3334,

0.3186

209.2954, 0.3320,
0.3193

■ 20.4847, 0.3545,
0.3080

■ 20.4847, 0.3545,
0.3080

■ 17.0100, 0.3759,
0.3002

■ 24.5990, 0.3369,
0.3158

■ 14.1399, 0.4014,
0.2928

■ 29.3800, 0.3224,
0.3233

■ 11.8403, 0.4313,
0.2866


■ 34.8568, 0.3106,
0.3303


■ 10.0723, 0.4649,
0.2826


■ 41.0558, 0.3009,
0.3369

■ 8.7925, 0.5008,
0.2819


■ 48.0019, 0.2930,
0.3428

 7.9502, 0.5364,
0.2854


 55.7191, 0.2865,
0.3483

 7.4544, 0.5688,
0.2927

 64.2302, 0.2811,
0.3532

 7.3697, 0.5749,
0.2941

 73.5569, 0.2766,
0.3578

 83.7203, 0.2729,
0.3619

Harmonies

Analogous

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



20.4847, 0.3195, 0.2850



20.4847, 0.3545, 0.3080



20.4847, 0.3784, 0.3367

Triad

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



20.4847, 0.3545, 0.3080



20.4847, 0.3385, 0.3929



20.4847, 0.2466, 0.2876

Complementary

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



20.4847, 0.3545, 0.3080



29.6441, 0.2832, 0.3512

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.



20.4847, 0.2511, 0.3155



20.4847, 0.3545, 0.3080



20.4847, 0.3029, 0.3796

Square

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



20.4847, 0.3545, 0.3080



20.4847, 0.3683, 0.3865



20.4847, 0.2712, 0.3501



20.4847, 0.2584, 0.2726

Rectangle

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



20.4847, 0.3545, 0.3080



20.4847, 0.3840, 0.3561



20.4847, 0.2712, 0.3501



20.4847, 0.2463, 0.2956

Sweetspot

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



20.4856, 0.3545, 0.3080



52.4951, 0.3226, 0.3232



20.1569, 0.3001, 0.2578



11.2673, 0.3244, 0.3222



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



20.4856, 0.3545, 0.3080



32.4354, 0.3682, 0.3028



22.2323, 0.3681, 0.3435



6.6768, 0.3240, 0.3224



5.9901, 0.5729, 0.2930



0.1140, 0.4718, 0.2373

Inverse Universe

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



20.4856, 0.3545, 0.3080



32.4354, 0.3682, 0.3028



27.1919, 0.2715, 0.3139



6.6768, 0.3240, 0.3224



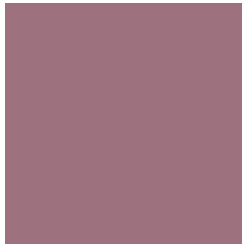
5.9901, 0.5729, 0.2930



0.1140, 0.4718, 0.2373

Previews

White Background



This preview shows how the Yxy color 20.4847, 0.3545, 0.3080 looks on a white background.

Color Contrast Check

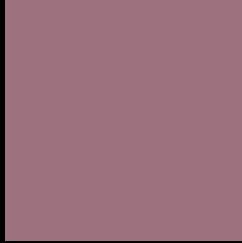
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.4847, 0.3545, 0.3080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

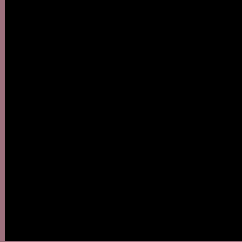
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 20.4847, 0.3545, 0.3080

Background



This preview shows how black text looks on a background with the Yxy color 20.4847, 0.3545, 0.3080.



This preview shows how white text looks on a background with the Yxy color 20.4847, 0.3545, 0.3080.

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

20.4847, 0.3545, 0.3080

Protanopia

20.7207, 0.3040, 0.3145

Deuteranopia

20.5333, 0.3305, 0.3238



Tritanopia

20.6079, 0.3594, 0.3161

Trichromacy



Original Color

20.4847, 0.3545, 0.3080

Protanomaly

20.6048, 0.3221, 0.3133

Deuteranomaly

20.4573, 0.3388, 0.3171

Tritanomaly

20.6328, 0.3581, 0.3145

Monochromacy



Original Color

20.4847, 0.3545, 0.3080

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

21.1872, 0.3278, 0.3221

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.4847, 0.3545, 0.3080 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(157, 113, 126)` looks like.

```
.text, #text, p{  
    color:rgb(157, 113, 126)  
}
```

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(157, 113, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 113, 126) }
```

Border

The CSS property to change the border of an element to Yxy 20.4847, 0.3545, 0.3080 is called "border". The border property can be set on classes, ids or directly on the HTML element.

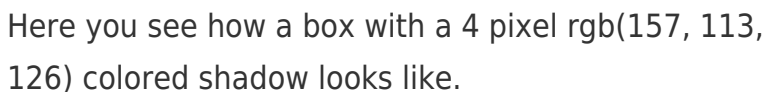
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 113, 126) }
```

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

```
.border{ border-color:rgb(157, 113, 126) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 113, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 113, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 113, 126);  
box-shadow:4px 4px 4px 4px rgb(157, 113,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 20.4847, 0.3545, 0.3080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 113, 126) }
```

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

```
.background{ background-color: rgb(157,  
113, 126) }
```

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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