

Converting Colors

$Y_{xy}(19.1527, 0.4004, 0.3505)$

Have a look what the booklet for
Yxy(19.1527, 0.4004, 0.3505)
contains.

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Color

Yxy(19.1527, 0.4004, 0.3505)

Conversions

Conversions Part 1

Format	Color
Hex	9F6D60
RGB	159, 109, 96
RGB Percent	62%, 43%, 38%
CMY	0.3764, 0.5725, 0.6235
CMYK	0.00, 0.31, 0.40, 0.38
HSL	12°, 25%, 50%
HSV	12°, 40%, 62%
XYZ	21.8794, 19.1527, 13.6118
YIQ	122.4680, 33.9730, 6.5570

Conversions

Conversions Part 2

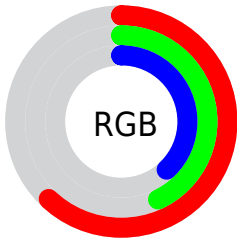
Format	Color
R _Y B	159, 112, 96
Decimal	10448224
CIE Lab	50.87, 18.22, 15.28
CIE LCh	51, 23.780, 39.987
Yxy	19.1527, 0.4004, 0.3505
Android (android.graphics.Color)	4288638304 (0xFF9F6D60)
YUV	122.4680, -13.0487, 32.0386
Hunter-Lab	43.7638, 12.6533, 12.1938

Details

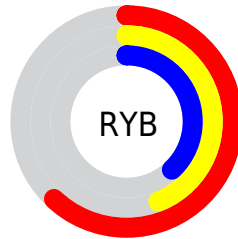
The Yxy color **19.1527, 0.4004, 0.3505** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.5535, 0.2558, 0.3059**, and the grayscale version is **19.6592, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.0434, 0.3793, 0.3464**, and **6.6319, 0.4382, 0.3549** is the 20% darker color. If you saturate the color by 10%, you get **16.3874, 0.4334, 0.3557**, and if you desaturate by 10%, it is **22.3659, 0.3721, 0.3449**.

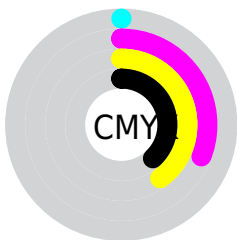
Distribution



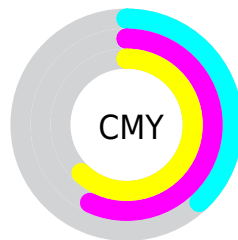
- Red (62%)
- Green (43%)
- Blue (38%)



- Red (62%)
- Yellow (44%)
- Blue (38%)



- Cyan (0%)
- Magenta (31%)
- Yellow (40%)
- Black (38%)





- Cyan (38%)
- Magenta (57%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.1527, 0.4004, 0.3505 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 19.1527, 0.4004, 0.3505 by changing the saturation by 10% instead.


 19.1527, 0.4004,
0.3505


 19.1527, 0.4004,
0.3505


247.2905, 0.3497,
0.3397


 11.7807, 0.4159,
0.3529


 41.9920, 0.3800,
0.3467

 6.5945, 0.4380,
0.3556


 58.2280, 0.3730,
0.3452

 3.2098, 0.4712,
0.3580

 78.1875, 0.3672,
0.3439

 1.2422, 0.5523,
0.3749

 102.2548, 0.3625,
0.3428

 0.0958, 0.8483,
0.1517

130.8144, 0.3585,
0.3419

 0.0000, 0.0000,
0.0000

164.2506, 0.3551,

0.3411

202.9478, 0.3522,
0.3403

■ 19.1527, 0.4004,
0.3505

■ 19.1527, 0.4004,
0.3505

■ 16.3874, 0.4334,
0.3557

■ 22.3659, 0.3721,
0.3449

■ 14.0471, 0.4707,
0.3597

■ 26.0428, 0.3484,
0.3393

■ 12.1112, 0.5108,
0.3618

■ 30.2020, 0.3286,
0.3339

■ 10.5563, 0.5507,
0.3610


■ 34.8603, 0.3121,
0.3288


■ 9.3561, 0.5859,
0.3567


■ 40.0335, 0.2985,
0.3242


 8.4757, 0.6138,
0.3502

 45.7368, 0.2871,
0.3199

 8.4478, 0.6148,
0.3500

 51.9848, 0.2775,
0.3160

 58.7915, 0.2694,
0.3125

 66.1703, 0.2626,
0.3093

Harmonies

Analogous

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



19.1527, 0.3781, 0.3147



19.1527, 0.4004, 0.3505



19.1527, 0.3968, 0.3841

Triad

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



19.1527, 0.4004, 0.3505



19.1527, 0.2847, 0.3816



19.1527, 0.2551, 0.2572

Complementary

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



19.1527, 0.4004, 0.3505



25.5535, 0.2558, 0.3059

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.



19.1527, 0.2342, 0.2685



19.1527, 0.4004, 0.3505



19.1527, 0.2501, 0.3393

Square

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



19.1527, 0.4004, 0.3505



19.1527, 0.3285, 0.4070



19.1527, 0.2323, 0.2973



19.1527, 0.2920, 0.2631

Rectangle

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



19.1527, 0.4004, 0.3505



19.1527, 0.3810, 0.4008



19.1527, 0.2323, 0.2973



19.1527, 0.2461, 0.2590

Sweetspot

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



19.1536, 0.4004, 0.3505



52.0560, 0.3334, 0.3353



17.8270, 0.3335, 0.2508



11.5294, 0.3357, 0.3359



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.



19.1536, 0.4004, 0.3505



29.6702, 0.4309, 0.3553



27.0041, 0.3810, 0.3987



6.8568, 0.3279, 0.3337



6.7226, 0.6134, 0.3511



0.1726, 0.5497, 0.4017

Inverse Universe

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



25.5535, 0.2558, 0.3059



42.7961, 0.2443, 0.2996



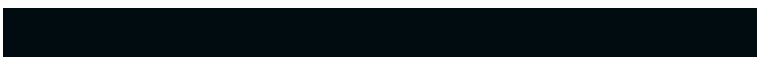
17.2313, 0.2470, 0.2474



7.2770, 0.2988, 0.3243



13.8662, 0.2063, 0.2628



0.3018, 0.2145, 0.2921

Previews

White Background



This preview shows how the Yxy color 19.1527, 0.4004, 0.3505 looks on a white background.

Color Contrast Check

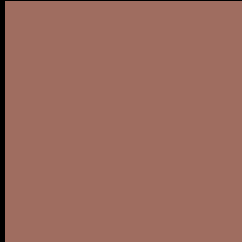
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.1527, 0.4004, 0.3505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

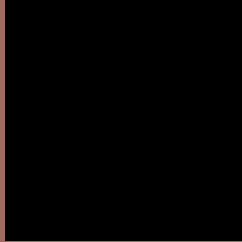
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.1527, 0.4004, 0.3505

Background



This preview shows how black text looks on a background with the Yxy color 19.1527, 0.4004, 0.3505.



This preview shows how white text looks on a background with the Yxy color 19.1527, 0.4004, 0.3505.

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

19.1527, 0.4004, 0.3505

Protanopia

19.2232, 0.3443, 0.3649

Deuteranopia

19.2996, 0.3737, 0.3683



Tritanopia

19.1000, 0.3790, 0.3163

Trichromacy



Original Color

19.1527, 0.4004, 0.3505

Protanomaly

19.1316, 0.3631, 0.3598

Deuteranomaly

19.1568, 0.3836, 0.3621

Tritanomaly

19.0505, 0.3873, 0.3292

Monochromacy



Original Color

19.1527, 0.4004, 0.3505

Achromatopsia

19.4618, 0.3127, 0.3290

Achromatomaly

19.0657, 0.3411, 0.3364

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.1527, 0.4004, 0.3505 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(159, 109, 96)` looks like.

```
.text, #text, p{  
    color:rgb(159, 109, 96)  
}
```

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(159, 109, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 109, 96) }
```

Border

The CSS property to change the border of an element to Yxy 19.1527, 0.4004, 0.3505 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(159, 109, 96) }
```

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

```
.border{ border-color:rgb(159, 109, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 109, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 109, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 109, 96);  
box-shadow:4px 4px 4px 4px rgb(159, 109,  
96) }
```


Background

The CSS property to change the background color of an element to Yxy 19.1527, 0.4004, 0.3505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 109, 96) }
```

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

```
.background{ background-color: rgb(159,  
109, 96) }
```

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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