

Converting Colors

$Yxy(20.4337, 0.3824, 0.3541)$

Have a look what the booklet for
Yxy(20.4337, 0.3824, 0.3541)
contains.

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Color

Yxy(20.3004, 0.3826, 0.3543)

Conversions

Conversions Part 1

Format	Color
Hex	9A7465
RGB	154, 116, 101
RGB Percent	60%, 45%, 40%
CMY	0.3960, 0.5451, 0.6039
CMYK	0.00, 0.25, 0.34, 0.40
HSL	17°, 21%, 50%
HSV	17°, 34%, 60%
XYZ	21.9219, 20.3004, 15.0749
YIQ	125.6520, 27.4630, 3.3910

Conversions

Conversions Part 2

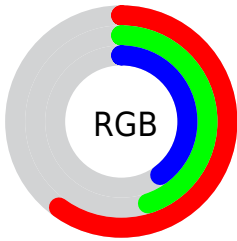
Format	Color
R_{YB}	154, 122, 101
Decimal	10122341
CIE Lab	52.18, 12.77, 14.08
CIE LCh	52, 19.009, 47.783
Yxy	20.3004, 0.3826, 0.3543
Android (android.graphics.Color)	4288312421 (0xFF9A7465)
YUV	125.6520, -12.1534, 24.8612
Hunter-Lab	45.0560, 8.0010, 11.7018

Details

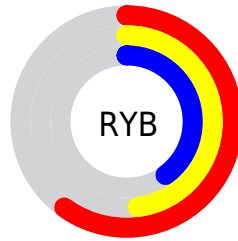
The Yxy color **20.3004, 0.3826, 0.3543** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.5678, 0.2618, 0.3020**, and the grayscale version is **20.7754, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.8276, 0.3662, 0.3491**, and **7.1673, 0.4109, 0.3636** is the 20% darker color. If you saturate the color by 10%, you get **17.6309, 0.4112, 0.3618**, and if you desaturate by 10%, it is **23.3311, 0.3580, 0.3466**.

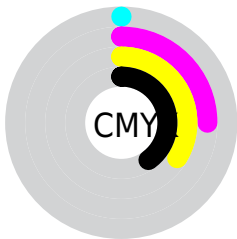
Distribution



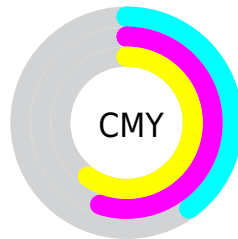
- Red (60%)
- Green (45%)
- Blue (40%)



- Red (60%)
- Yellow (48%)
- Blue (40%)



- Cyan (0%)
- Magenta (25%)
- Yellow (34%)
- Black (40%)



- Cyan (40%)
- Magenta (55%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 20.3004, 0.3826, 0.3543 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 20.3004, 0.3826, 0.3543 by changing the saturation by 10% instead.


 20.3004, 0.3826,
0.3543


 20.3004, 0.3826,
0.3543


253.5367, 0.3425,
0.3409

 12.6136, 0.3947,
0.3578


 43.9203, 0.3666,
0.3493


 7.1630, 0.4118,
0.3622


 60.6221, 0.3610,
0.3474

 3.5643, 0.4376,
0.3679

 81.0977, 0.3565,
0.3459

 1.4329, 0.4896,
0.3816

 105.7316, 0.3528,
0.3446

 0.2408, 0.6919,
0.3081

134.9080, 0.3496,
0.3434

 0.0000, 0.0000,
0.0000

169.0114, 0.3469,

0.3425

208.4262, 0.3446,
0.3416

■ 20.3004, 0.3826,
0.3543

■ 20.3004, 0.3826,
0.3543

■ 17.6309, 0.4112,
0.3618

■ 23.3311, 0.3580,
0.3466

■ 15.3059, 0.4437,
0.3684

■ 26.7331, 0.3372,
0.3391

■ 13.3117, 0.4793,
0.3732

■ 30.5195, 0.3196,
0.3320

■ 11.6327, 0.5164,
0.3753

■ 34.7022, 0.3048,
0.3254

■ 10.2515, 0.5520,
0.3735

■ 39.2923, 0.2923,
0.3193

■ 9.1490, 0.5825,
0.3674

■ 44.3006, 0.2817,
0.3137

■ 8.6411, 0.5979,
0.3635

■ 49.7374, 0.2727,
0.3086

■ 55.6128, 0.2650,
0.3040

■ 61.9363, 0.2584,
0.2998

Harmonies

Analogous

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



20.3004, 0.3701, 0.3255



20.3004, 0.3826, 0.3543



20.3004, 0.3750, 0.3788

Triad

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



20.3004, 0.3826, 0.3543



20.3004, 0.2829, 0.3620



20.3004, 0.2738, 0.2717

Complementary

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



20.3004, 0.3826, 0.3543



23.5678, 0.2618, 0.3020

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.



20.3004, 0.2531, 0.2775



20.3004, 0.3826, 0.3543



20.3004, 0.2581, 0.3285

Square

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



20.3004, 0.3826, 0.3543



20.3004, 0.3166, 0.3859



20.3004, 0.2475, 0.2976



20.3004, 0.3057, 0.2795

Rectangle

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



20.3004, 0.3826, 0.3543



20.3004, 0.3601, 0.3890



20.3004, 0.2475, 0.2976



20.3004, 0.2654, 0.2720

Sweetspot

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



20.3014, 0.3826, 0.3543



51.3717, 0.3294, 0.3361



18.0681, 0.3348, 0.2664



11.4269, 0.3317, 0.3370



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.



20.3014, 0.3826, 0.3543



33.2222, 0.4034, 0.3599



27.0494, 0.3690, 0.3946



6.4932, 0.3277, 0.3354



7.0938, 0.5965, 0.3646



0.1620, 0.5245, 0.4217

Inverse Universe

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



23.5678, 0.2618, 0.3020



40.0218, 0.2516, 0.2951



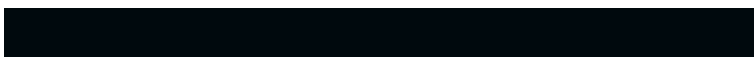
16.9930, 0.2556, 0.2533



6.7310, 0.2989, 0.3226



11.1235, 0.1990, 0.2364



0.2269, 0.2117, 0.2821

Previews

White Background



This preview shows how the Yxy color 20.3004, 0.3826, 0.3543 looks on a white background.

Color Contrast Check

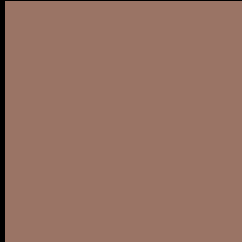
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.3004, 0.3826, 0.3543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

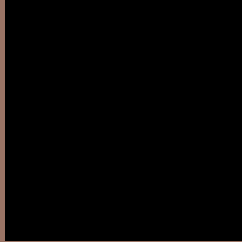
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 20.3004, 0.3826, 0.3543

Background



This preview shows how black text looks on a background with the Yxy color 20.3004, 0.3826, 0.3543.



This preview shows how white text looks on a background with the Yxy color 20.3004, 0.3826, 0.3543.

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

20.3004, 0.3826, 0.3543

Protanopia

20.2605, 0.3436, 0.3641

Deuteranopia

20.3728, 0.3698, 0.3640



Tritanopia

20.2833, 0.3585, 0.3144

Trichromacy



Original Color

20.3004, 0.3826, 0.3543

Protanomaly

20.1632, 0.3563, 0.3595

Deuteranomaly

20.4097, 0.3743, 0.3619

Tritanomaly

20.2181, 0.3675, 0.3292

Monochromacy



Original Color

20.3004, 0.3826, 0.3543

Achromatopsia

20.8637, 0.3127, 0.3290

Achromatomaly

20.4377, 0.3361, 0.3380

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.3004, 0.3826, 0.3543 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(154, 116, 101)` looks like.

```
.text, #text, p{  
    color:rgb(154, 116, 101)  
}
```

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(154, 116, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 116, 101) }
```

Border

The CSS property to change the border of an element to Yxy 20.3004, 0.3826, 0.3543 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(154, 116, 101) }
```

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

```
.border{ border-color:rgb(154, 116, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 116, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 116, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 116, 101);  
box-shadow:4px 4px 4px 4px rgb(154, 116,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 20.3004, 0.3826, 0.3543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 116, 101) }
```

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

```
.background{ background-color: rgb(154,  
116, 101) }
```

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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