

Converting Colors

$Y_{xy}(20.3831, 0.3667, 0.3657)$

Have a look what the booklet for
Yxy(20.3831, 0.3667, 0.3657)
contains.

Yxy(20.4345, 0.3666, 0.3661)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(20.4345, 0.3666, 0.3661)

Conversions

Conversions Part 1

Format	Color
Hex	8F7964
RGB	143, 121, 100
RGB Percent	56%, 47%, 39%
CMY	0.4393, 0.5254, 0.6079
CMYK	0.00, 0.15, 0.30, 0.44
HSL	29°, 18%, 48%
HSV	29°, 30%, 56%
XYZ	20.4624, 20.4345, 14.9198
YIQ	125.1840, 19.8530, -1.8670

Conversions

Conversions Part 2

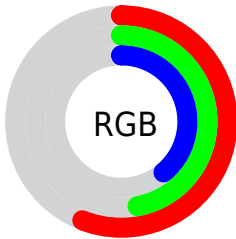
Format	Color
R_{YB}	143, 141, 100
Decimal	9402724
CIE _{Lab}	52.32, 5.17, 14.69
CIE _{LCh}	52, 15.574, 70.629
Yxy	20.4345, 0.3666, 0.3661
Android (android.graphics.Color)	4287592804 (0xFF8F7964)
YUV	125.1840, -12.4157, 15.6246
Hunter-Lab	45.2045, 1.6924, 12.0744

Details

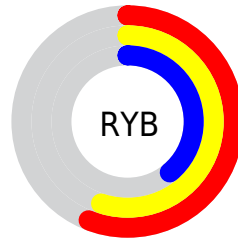
The Yxy color **20.4345, 0.3666, 0.3661** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.6006, 0.2664, 0.2887**, and the grayscale version is **20.6107, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.9918, 0.3540, 0.3576**, and **7.2974, 0.3890, 0.3816** is the 20% darker color. If you saturate the color by 10%, you get **18.4731, 0.3892, 0.3789**, and if you desaturate by 10%, it is **22.5810, 0.3464, 0.3533**.

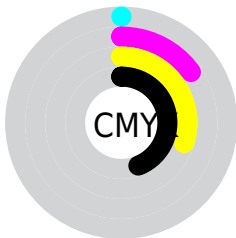
Distribution



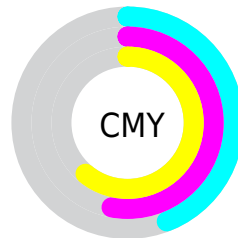
- Red (56%)
- Green (47%)
- Blue (39%)



- Red (56%)
- Yellow (55%)
- Blue (39%)



- Cyan (0%)
- Magenta (15%)
- Yellow (30%)
- Black (44%)




- Cyan (44%)
- Magenta (53%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 20.4345, 0.3666, 0.3661 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 20.4345, 0.3666, 0.3661 by changing the saturation by 10% instead.


 20.4345, 0.3666,
0.3661


 20.4345, 0.3666,
0.3661


254.2577, 0.3359,
0.3455


 12.7113, 0.3758,
0.3720


 44.1445, 0.3544,
0.3581


 7.2300, 0.3888,
0.3800


 60.9000, 0.3501,
0.3552

 3.6064, 0.4081,
0.3915

 81.4351, 0.3466,
0.3529

 1.4559, 0.4501,
0.4182

 106.1341, 0.3438,
0.3509

 0.2574, 0.5902,
0.4098

135.3815, 0.3413,
0.3492

 0.0000, 0.0000,
0.0000

169.5616, 0.3393,

0.3478

209.0589, 0.3375,
0.3466

■ 20.4345, 0.3666,
0.3661

■ 20.4345, 0.3666,
0.3661

■ 18.4731, 0.3892,
0.3789

■ 22.5810, 0.3464,
0.3533

■ 16.6883, 0.4140,
0.3910

■ 24.9148, 0.3285,
0.3409

■ 15.0754, 0.4406,
0.4017

■ 27.4420, 0.3128,
0.3291

■ 13.6280, 0.4679,
0.4096

■ 30.1674, 0.2991,
0.3181

■ 12.3393, 0.4945,
0.4138

■ 33.0954, 0.2872,
0.3079

■ 11.2020, 0.5189,
0.4131

■ 36.2305, 0.2768,
0.2985

■ 10.2075, 0.5409,
0.4087

■ 39.5770, 0.2677,
0.2899

■ 43.1391, 0.2597,
0.2820

■ 46.9207, 0.2527,
0.2748

Harmonies

Analogous

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



20.4345, 0.3687, 0.3447



20.4345, 0.3666, 0.3661



20.4345, 0.3496, 0.3788

Triad

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



20.4345, 0.3666, 0.3661



20.4345, 0.2717, 0.3355



20.4345, 0.3004, 0.2855

Complementary

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



20.4345, 0.3666, 0.3661



18.6006, 0.2664, 0.2887

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.



20.4345, 0.2757, 0.2817



20.4345, 0.3666, 0.3661



20.4345, 0.2598, 0.3091

Square

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



20.4345, 0.3666, 0.3661



20.4345, 0.2946, 0.3614



20.4345, 0.2612, 0.2898



20.4345, 0.3295, 0.2995

Rectangle

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



20.4345, 0.3666, 0.3661



20.4345, 0.3325, 0.3797



20.4345, 0.2612, 0.2898



20.4345, 0.2913, 0.2830

Sweetspot

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



20.4354, 0.3666, 0.3661



45.0147, 0.3270, 0.3398



16.3607, 0.3442, 0.2902



10.1903, 0.3292, 0.3414



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



20.4354, 0.3666, 0.3661



34.2185, 0.3815, 0.3747



26.1825, 0.3568, 0.4004



5.8321, 0.3270, 0.3398



9.0697, 0.5402, 0.4093



0.1306, 0.4786, 0.4582

Inverse Universe

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



18.6006, 0.2664, 0.2887



30.3908, 0.2558, 0.2781



13.9421, 0.2618, 0.2460



5.6820, 0.2990, 0.3180



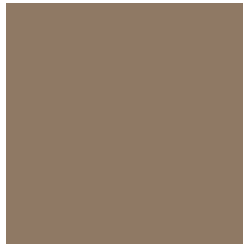
6.0177, 0.1794, 0.1656



0.1016, 0.2004, 0.2415

Previews

White Background



This preview shows how the Yxy color 20.4345, 0.3666, 0.3661 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 20.4345, 0.3666, 0.3661 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

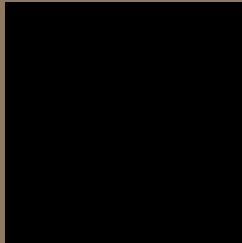
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 20.4345, 0.3666, 0.3661

Background



This preview shows how black text looks on a background with the Yxy color 20.4345, 0.3666, 0.3661.



This preview shows how white text looks on a background with the Yxy color 20.4345, 0.3666, 0.3661.

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

20.4345, 0.3666, 0.3661

Protanopia

20.5321, 0.3481, 0.3713

Deuteranopia

20.3728, 0.3698, 0.3640



Tritanopia

20.3399, 0.3391, 0.3138

Trichromacy



Original Color

20.4345, 0.3666, 0.3661

Protanomaly

20.5891, 0.3548, 0.3707

Deuteranomaly

20.2823, 0.3684, 0.3642

Tritanomaly

20.2610, 0.3489, 0.3308

Monochromacy



Original Color

20.4345, 0.3666, 0.3661

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

20.5818, 0.3318, 0.3436

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.4345, 0.3666, 0.3661 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(143, 121, 100)` looks like.

```
.text, #text, p{  
    color:rgb(143, 121, 100)  
}
```

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(143, 121, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 121, 100) }
```

Border

The CSS property to change the border of an element to Yxy 20.4345, 0.3666, 0.3661 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(143, 121, 100) }
```

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

```
.border{ border-color:rgb(143, 121, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 121, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 121, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 121, 100);  
box-shadow:4px 4px 4px 4px rgb(143, 121,  
100) }
```


Background

The CSS property to change the background color of an element to Yxy 20.4345, 0.3666, 0.3661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 121, 100) }
```

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

```
.background{ background-color: rgb(143,  
121, 100) }
```

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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