

Converting Colors

$Y_{xy}(20.6156, 0.3949, 0.3573)$

Have a look what the booklet for
Yxy(20.6156, 0.3949, 0.3573)
contains.

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Color

Yxy(20.6169, 0.3952, 0.3568)

Conversions

Conversions Part 1

Format	Color
Hex	A07362
RGB	160, 115, 98
RGB Percent	63%, 45%, 38%
CMY	0.3725, 0.5490, 0.6157
CMYK	0.00, 0.28, 0.39, 0.37
HSL	16°, 25%, 51%
HSV	16°, 39%, 63%
XYZ	22.8358, 20.6169, 14.3301
YIQ	126.5170, 32.2770, 4.2530

Conversions

Conversions Part 2

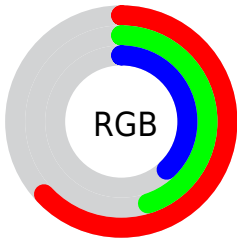
Format	Color
RYB	160, 121, 98
Decimal	10515298
CIELab	52.53, 15.46, 16.42
CIElCh	53, 22.549, 46.729
Yxy	20.6169, 0.3952, 0.3568
Android (android.graphics.Color)	4288705378 (0xFFA07362)
YUV	126.5170, -14.0589, 29.3646
Hunter-Lab	45.4058, 10.3120, 13.0721

Details

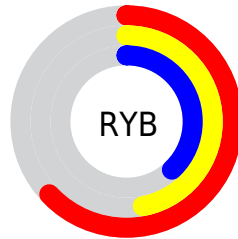
The Yxy color **20.6169, 0.3952, 0.3568** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.7878, 0.2558, 0.2989**, and the grayscale version is **21.0908, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.4063, 0.3761, 0.3511**, and **7.3791, 0.4303, 0.3663** is the 20% darker color. If you saturate the color by 10%, you get **17.8608, 0.4259, 0.3638**, and if you desaturate by 10%, it is **23.7694, 0.3686, 0.3494**.

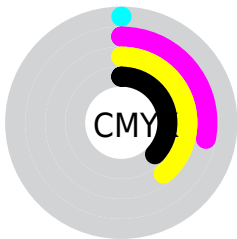
Distribution



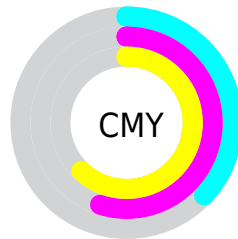
- Red (63%)
- Green (45%)
- Blue (38%)



- Red (63%)
- Yellow (47%)
- Blue (38%)



- Cyan (0%)
- Magenta (28%)
- Yellow (39%)
- Black (37%)





- Cyan (37%)
- Magenta (55%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 20.6169, 0.3952, 0.3568 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 20.6169, 0.3952, 0.3568 by changing the saturation by 10% instead.


 20.6169, 0.3952,
0.3568

 20.6169, 0.3952,
0.3568


255.2355, 0.3480,
0.3424


 12.8443, 0.4094,
0.3603


 44.4491, 0.3764,
0.3515

 7.3214, 0.4292,
0.3646


 61.2774, 0.3699,
0.3496

 3.6639, 0.4587,
0.3696

 81.8931, 0.3645,
0.3479

 1.4874, 0.5216,
0.3847

 106.6805, 0.3601,
0.3465

 0.2798, 0.6969,
0.3031

136.0240, 0.3564,
0.3452

 0.0000, 0.0000,
0.0000

170.3081, 0.3532,

0.3442

209.9171, 0.3504,
0.3432

■ 20.6169, 0.3952,
0.3568

■ 20.6169, 0.3952,
0.3568

■ 17.8608, 0.4259,
0.3638

■ 23.7694, 0.3686,
0.3494

■ 15.4820, 0.4604,
0.3695

■ 27.3302, 0.3460,
0.3420

■ 13.4645, 0.4975,
0.3731


■ 31.3147, 0.3269,
0.3349

■ 11.7895, 0.5349,
0.3734


■ 35.7364, 0.3109,
0.3282


■ 10.4368, 0.5689,
0.3695


■ 40.6082, 0.2974,
0.3221

 9.3794, 0.5971,
0.3622

 45.9425, 0.2860,
0.3164

 9.2663, 0.6005,
0.3614

 51.7511, 0.2764,
0.3113

 58.0456, 0.2682,
0.3066

 64.8370, 0.2612,
0.3024

Harmonies

Analogous

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



20.6169, 0.3797, 0.3232



20.6169, 0.3952, 0.3568



20.6169, 0.3867, 0.3862

Triad

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



20.6169, 0.3952, 0.3568



20.6169, 0.2786, 0.3696



20.6169, 0.2658, 0.2620

Complementary

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



20.6169, 0.3952, 0.3568



24.7878, 0.2558, 0.2989

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.



20.6169, 0.2425, 0.2691



20.6169, 0.3952, 0.3568



20.6169, 0.2494, 0.3295

Square

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



20.6169, 0.3952, 0.3568



20.6169, 0.3183, 0.3975



20.6169, 0.2367, 0.2926



20.6169, 0.3028, 0.2708

Rectangle

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



20.6169, 0.3952, 0.3568



20.6169, 0.3694, 0.3992



20.6169, 0.2367, 0.2926



20.6169, 0.2563, 0.2625

Sweetspot

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



20.6179, 0.3952, 0.3568



54.2420, 0.3332, 0.3373



18.2085, 0.3385, 0.2582



11.7047, 0.3354, 0.3381



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.



20.6179, 0.3952, 0.3568



32.8204, 0.4231, 0.3632



28.7770, 0.3771, 0.4031



6.9273, 0.3278, 0.3352



7.2816, 0.5989, 0.3627



0.1951, 0.5296, 0.4177

Inverse Universe

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



24.7878, 0.2558, 0.2989



41.5013, 0.2437, 0.2905



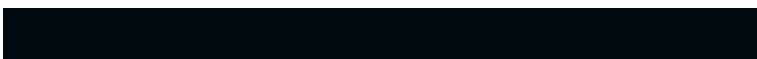
16.8276, 0.2473, 0.2415



7.2018, 0.2988, 0.3227



11.8109, 0.1998, 0.2394



0.2772, 0.2109, 0.2794

Previews

White Background



This preview shows how the Yxy color 20.6169, 0.3952, 0.3568 looks on a white background.

Color Contrast Check

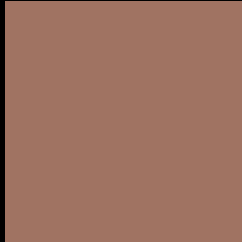
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.6169, 0.3952, 0.3568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

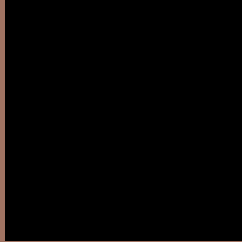
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 20.6169, 0.3952, 0.3568

Background



This preview shows how black text looks on a background with the Yxy color 20.6169, 0.3952, 0.3568.



This preview shows how white text looks on a background with the Yxy color 20.6169, 0.3952, 0.3568.

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

20.6169, 0.3952, 0.3568

Protanopia

20.6330, 0.3482, 0.3693

Deuteranopia

20.7409, 0.3757, 0.3706



Tritanopia

20.6258, 0.3694, 0.3164

Trichromacy



Original Color

20.6169, 0.3952, 0.3568

Protanomaly

20.4540, 0.3654, 0.3643

Deuteranomaly

20.7321, 0.3834, 0.3663

Tritanomaly

20.5572, 0.3786, 0.3308

Monochromacy



Original Color

20.6169, 0.3952, 0.3568

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

20.9158, 0.3409, 0.3414

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.6169, 0.3952, 0.3568 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(160, 115, 98)` looks like.

```
.text, #text, p{  
    color:rgb(160, 115, 98)  
}
```

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(160, 115, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 115, 98) }
```

Border

The CSS property to change the border of an element to Yxy 20.6169, 0.3952, 0.3568 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(160, 115, 98) }
```

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

```
.border{ border-color:rgb(160, 115, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 115, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 115, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 115, 98);  
box-shadow:4px 4px 4px 4px rgb(160, 115,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 20.6169, 0.3952, 0.3568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 115, 98) }
```

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

```
.background{ background-color: rgb(160,  
115, 98) }
```

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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