

Converting Colors

$Y_{xy}(20.5019, 0.3757, 0.3432)$

Have a look what the booklet for
Yxy(20.5019, 0.3757, 0.3432)
contains.

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Color

Yxy(20.5209, 0.3760, 0.3442)

Conversions

Conversions Part 1

Format	Color
Hex	9B746B
RGB	155, 116, 107
RGB Percent	61%, 45%, 42%
CMY	0.3921, 0.5451, 0.5805
CMYK	0.00, 0.25, 0.31, 0.39
HSL	11°, 19%, 51%
HSV	11°, 31%, 61%
XYZ	22.4168, 20.5209, 16.6814
YIQ	126.6350, 26.1330, 5.4690

Conversions

Conversions Part 2

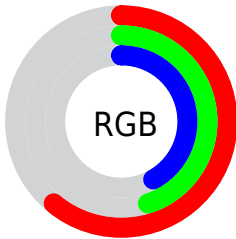
Format	Color
R_{YB}	155, 118, 107
Decimal	10187883
CIE _{Lab}	52.42, 14.00, 10.95
CIE _{LCh}	52, 17.776, 38.025
Yxy	20.5209, 0.3760, 0.3442
Android (android.graphics.Color)	4288377963 (0xFF9B746B)
YUV	126.6350, -9.6801, 24.8761
Hunter-Lab	45.3000, 9.0561, 9.8768

Details

The Yxy color **20.5209, 0.3760, 0.3442** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.0418, 0.2676, 0.3131**, and the grayscale version is **21.1190, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.1755, 0.3615, 0.3415**, and **7.3441, 0.4024, 0.3486** is the 20% darker color. If you saturate the color by 10%, you get **17.5165, 0.4052, 0.3493**, and if you desaturate by 10%, it is **23.9790, 0.3515, 0.3391**.

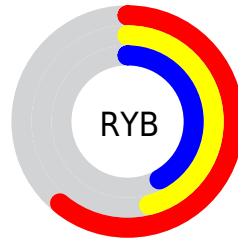
Distribution



Red (61%)

Green (45%)

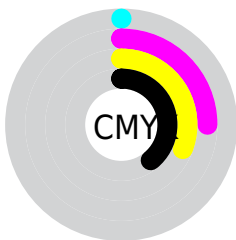
Blue (42%)



Red (61%)

Yellow (46%)

Blue (42%)

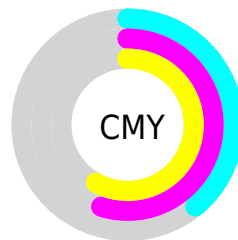


Cyan (0%)

Magenta (25%)

Yellow (31%)

Black (39%)



Cyan (39%)


Magenta (55%)


Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 20.5209, 0.3760, 0.3442 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 20.5209, 0.3760, 0.3442 by changing the saturation by 10% instead.

 20.5209, 0.3760,
0.3442


 20.5209, 0.3760,
0.3442


254.7213, 0.3398,
0.3363

 12.7743, 0.3870,
0.3461


 44.2888, 0.3615,
0.3413

 7.2733, 0.4025,
0.3485


 61.0788, 0.3565,
0.3402

 3.6336, 0.4261,
0.3514


 81.6521, 0.3524,
0.3393

 1.4708, 0.4676,
0.3555

 106.3931, 0.3490,
0.3386

 0.2680, 0.6900,
0.3100

135.6861, 0.3461,
0.3379

 0.0000, 0.0000,
0.0000

169.9155, 0.3437,

0.3373

209.4658, 0.3416,
0.3368

■ 20.5209, 0.3760,
0.3442

■ 20.5209, 0.3760,
0.3442

■ 17.5165, 0.4052,
0.3493

■ 23.9790, 0.3515,
0.3391

■ 14.9439, 0.4392,
0.3539

■ 27.9055, 0.3311,
0.3341

■ 12.7840, 0.4776,
0.3573


■ 32.3181, 0.3142,
0.3294

■ 11.0150, 0.5185,
0.3588


■ 37.2328, 0.3002,
0.3251

■ 9.6130, 0.5586,
0.3575


■ 42.6648, 0.2886,
0.3212

 8.5514, 0.5932,
0.3529

 48.6286, 0.2789,
0.3177

 7.8551, 0.6179,
0.3476

 55.1382, 0.2707,
0.3144

 62.2070, 0.2638,
0.3115

 69.8481, 0.2579,
0.3088

Harmonies

Analogous

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



20.5209, 0.3588, 0.3172



20.5209, 0.3760, 0.3442



20.5209, 0.3751, 0.3691

Triad

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



20.5209, 0.3760, 0.3442



20.5209, 0.2946, 0.3684



20.5209, 0.2687, 0.2757

Complementary

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



20.5209, 0.3760, 0.3442



26.0418, 0.2676, 0.3131

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.



20.5209, 0.2536, 0.2857



20.5209, 0.3760, 0.3442



20.5209, 0.2679, 0.3391

Square

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



20.5209, 0.3760, 0.3442



20.5209, 0.3271, 0.3855



20.5209, 0.2533, 0.3084



20.5209, 0.2958, 0.2790

Rectangle

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



20.5209, 0.3760, 0.3442



20.5209, 0.3645, 0.3811



20.5209, 0.2533, 0.3084



20.5209, 0.2622, 0.2775

Sweetspot

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



20.5219, 0.3760, 0.3442



51.3376, 0.3278, 0.3332



19.5606, 0.3270, 0.2668



11.3856, 0.3303, 0.3339



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.



20.5219, 0.3760, 0.3442



33.0381, 0.3951, 0.3476



26.7272, 0.3648, 0.3820



6.4013, 0.3279, 0.3332



6.3524, 0.6166, 0.3486



0.1357, 0.5534, 0.3988

Inverse Universe

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



26.0418, 0.2676, 0.3131



44.4700, 0.2586, 0.3092



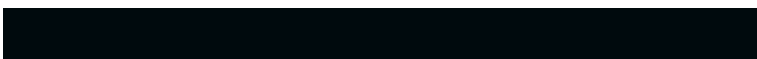
19.4551, 0.2627, 0.2695



6.8291, 0.2989, 0.3247



13.9090, 0.2081, 0.2691



0.2532, 0.2163, 0.2985

Previews

White Background



This preview shows how the Yxy color 20.5209, 0.3760, 0.3442 looks on a white background.

Color Contrast Check

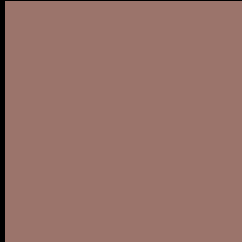
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.5209, 0.3760, 0.3442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

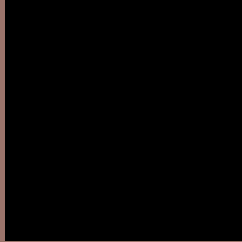
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 20.5209, 0.3760, 0.3442

Background



This preview shows how black text looks on a background with the Yxy color 20.5209, 0.3760, 0.3442.



This preview shows how white text looks on a background with the Yxy color 20.5209, 0.3760, 0.3442.

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

20.5209, 0.3760, 0.3442

Protanopia

20.6624, 0.3350, 0.3528

Deuteranopia

20.6446, 0.3604, 0.3553



Tritanopia

20.6079, 0.3594, 0.3161

Trichromacy



Original Color

20.5209, 0.3760, 0.3442

Protanomaly

20.6203, 0.3498, 0.3503

Deuteranomaly

20.5302, 0.3666, 0.3515

Tritanomaly

20.6137, 0.3644, 0.3259

Monochromacy



Original Color

20.5209, 0.3760, 0.3442

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

20.8403, 0.3336, 0.3344

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.5209, 0.3760, 0.3442 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(155, 116, 107)` looks like.

```
.text, #text, p{  
    color:rgb(155, 116, 107)  
}
```

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(155, 116, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 116, 107) }
```

Border

The CSS property to change the border of an element to Yxy 20.5209, 0.3760, 0.3442 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(155, 116, 107) }
```

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

```
.border{ border-color:rgb(155, 116, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 116, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 116, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 116, 107);  
box-shadow:4px 4px 4px 4px rgb(155, 116,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 20.5209, 0.3760, 0.3442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 116, 107) }
```

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

```
.background{ background-color: rgb(155,  
116, 107) }
```

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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