

Converting Colors

$Y_{xy}(20.2747, 0.3762, 0.3391)$

Have a look what the booklet for
Yxy(20.2747, 0.3762, 0.3391)
contains.

Yxy(20.1853, 0.3769, 0.3391)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(20.1853, 0.3769, 0.3391)

Conversions

Conversions Part 1

Format	Color
Hex	9C726C
RGB	156, 114, 108
RGB Percent	61%, 45%, 42%
CMY	0.3882, 0.5529, 0.5764
CMYK	0.00, 0.27, 0.31, 0.39
HSL	7°, 20%, 52%
HSV	7°, 31%, 61%
XYZ	22.4354, 20.1853, 16.9054
YIQ	125.8740, 26.9580, 7.0380

Conversions

Conversions Part 2

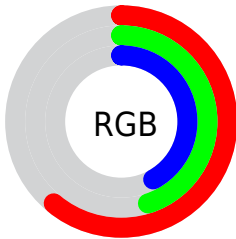
Format	Color
R_{YB}	156, 115, 108
Decimal	10252908
CIE _{Lab}	52.05, 15.71, 9.83
CIE _{LCh}	52, 18.526, 32.034
Yxy	20.1853, 0.3769, 0.3391
Android (android.graphics.Color)	4288442988 (0xFF9C726C)
YUV	125.8740, -8.8119, 26.4205
Hunter-Lab	44.9281, 10.5121, 9.1401

Details

The Yxy color **20.1853, 0.3769, 0.3391** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **27.4077, 0.2685, 0.3186**, and the grayscale version is **20.8435, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.6245, 0.3621, 0.3378**, and **7.1169, 0.4022, 0.3414** is the 20% darker color. If you saturate the color by 10%, you get **17.0293, 0.4073, 0.3425**, and if you desaturate by 10%, it is **23.8625, 0.3516, 0.3357**.

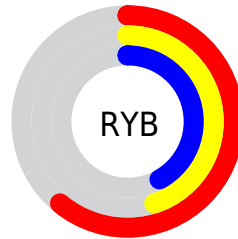
Distribution



Red (61%)

Green (45%)

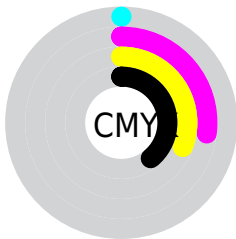
Blue (42%)



Red (61%)

Yellow (45%)

Blue (42%)

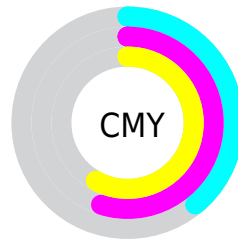


Cyan (0%)

Magenta (27%)

Yellow (31%)

Black (39%)



Cyan (39%)


Magenta (55%)


Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 20.1853, 0.3769, 0.3391 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 20.1853, 0.3769, 0.3391 by changing the saturation by 10% instead.


 20.1853, 0.3769,
0.3391


 20.1853, 0.3769,
0.3391


252.9165, 0.3400,
0.3341

 12.5298, 0.3881,
0.3402


 43.7276, 0.3621,
0.3374

 7.1056, 0.4041,
0.3414


 60.3833, 0.3570,
0.3367

 3.5282, 0.4283,
0.3425

 80.8077, 0.3529,
0.3361

 1.4133, 0.4708,
0.3434

 105.3854, 0.3494,
0.3356

 0.2265, 0.7255,
0.2745

134.5008, 0.3465,
0.3351

 0.0000, 0.0000,
0.0000

168.5381, 0.3440,

0.3348

207.8819, 0.3419,
0.3344

■ 20.1853, 0.3769,
0.3391

■ 20.1853, 0.3769,
0.3391

■ 17.0293, 0.4073,
0.3425

■ 23.8625, 0.3516,
0.3357

■ 14.3682, 0.4431,
0.3455

■ 28.0801, 0.3309,
0.3323

■ 12.1776, 0.4838,
0.3477


■ 32.8596, 0.3139,
0.3292


■ 10.4300, 0.5271,
0.3484


■ 38.2208, 0.2999,
0.3264

■ 9.0949, 0.5690,
0.3471


■ 44.1823, 0.2884,
0.3238

 8.1381, 0.6039,
0.3434

 50.7619, 0.2789,
0.3214

 7.5495, 0.6278,
0.3397

 57.9767, 0.2710,
0.3193

 65.8432, 0.2644,
0.3174

 74.3771, 0.2588,
0.3156

Harmonies

Analogous

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



20.1853, 0.3555, 0.3113



20.1853, 0.3769, 0.3391



20.1853, 0.3798, 0.3661

Triad

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



20.1853, 0.3769, 0.3391



20.1853, 0.3003, 0.3753



20.1853, 0.2624, 0.2742

Complementary

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



20.1853, 0.3769, 0.3391



27.4077, 0.2685, 0.3186

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.



20.1853, 0.2496, 0.2874



20.1853, 0.3769, 0.3391



20.1853, 0.2706, 0.3462

Square

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



20.1853, 0.3769, 0.3391



20.1853, 0.3345, 0.3898



20.1853, 0.2525, 0.3133



20.1853, 0.2885, 0.2750

Rectangle

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



20.1853, 0.3769, 0.3391



20.1853, 0.3711, 0.3803



20.1853, 0.2525, 0.3133



20.1853, 0.2565, 0.2771

Sweetspot

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



20.1863, 0.3769, 0.3391



52.3038, 0.3280, 0.3318



20.0118, 0.3229, 0.2626



11.2617, 0.3305, 0.3323



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.



20.1863, 0.3769, 0.3391



32.5678, 0.3975, 0.3415



26.2158, 0.3658, 0.3768



6.7729, 0.3281, 0.3319



6.2483, 0.6269, 0.3404



0.1455, 0.5790, 0.3785

Inverse Universe

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



27.4077, 0.2685, 0.3186



47.8339, 0.2595, 0.3159



20.6166, 0.2637, 0.2759



7.3682, 0.2988, 0.3261



16.6415, 0.2139, 0.2900



0.3333, 0.2186, 0.3070

Previews

White Background



This preview shows how the Yxy color 20.1853, 0.3769, 0.3391 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 20.1853, 0.3769, 0.3391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

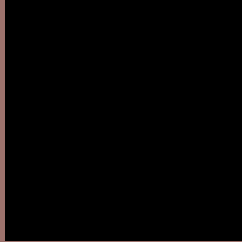
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 20.1853, 0.3769, 0.3391

Background



This preview shows how black text looks on a background with the Yxy color 20.1853, 0.3769, 0.3391.



This preview shows how white text looks on a background with the Yxy color 20.1853, 0.3769, 0.3391.

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

20.1853, 0.3769, 0.3391

Protanopia

20.2747, 0.3315, 0.3493

Deuteranopia

20.3341, 0.3582, 0.3519



Tritanopia

20.1369, 0.3615, 0.3144

Trichromacy



Original Color

20.1853, 0.3769, 0.3391

Protanomaly

20.0696, 0.3480, 0.3451

Deuteranomaly

20.3143, 0.3657, 0.3481

Tritanomaly

20.2393, 0.3679, 0.3242

Monochromacy



Original Color

20.1853, 0.3769, 0.3391

Achromatopsia

20.8637, 0.3127, 0.3290

Achromatomaly

20.5693, 0.3350, 0.3344

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.1853, 0.3769, 0.3391 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(156, 114, 108)` looks like.

```
.text, #text, p{  
    color:rgb(156, 114, 108)  
}
```

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(156, 114, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 114, 108) }
```

Border

The CSS property to change the border of an element to Yxy 20.1853, 0.3769, 0.3391 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(156, 114, 108) }
```

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

```
.border{ border-color:rgb(156, 114, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 114, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 114, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 114, 108);  
box-shadow:4px 4px 4px 4px rgb(156, 114,  
108) }
```


Background

The CSS property to change the background color of an element to Yxy 20.1853, 0.3769, 0.3391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 114, 108) }
```

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

```
.background{ background-color: rgb(156,  
114, 108) }
```

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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