

Converting Colors

$Yxy(20.0054, 0.3739, 0.3418)$

Have a look what the booklet for
Yxy(20.0054, 0.3739, 0.3418)
contains.

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Color

Yxy(20.0953, 0.3738, 0.3426)

Conversions

Conversions Part 1

Format	Color
Hex	99736B
RGB	153, 115, 107
RGB Percent	60%, 45%, 42%
CMY	0.3999, 0.5491, 0.5804
CMYK	0.00, 0.25, 0.30, 0.40
HSL	10°, 18%, 51%
HSV	10°, 30%, 60%
XYZ	21.9253, 20.0953, 16.6346
YIQ	125.4500, 25.2160, 5.5680

Conversions

Conversions Part 2

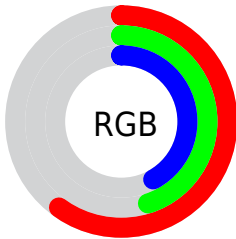
Format	Color
R_{YB}	153, 117, 107
Decimal	10056555
CIE Lab	51.94, 13.78, 10.23
CIE LCh	52, 17.163, 36.583
Yxy	20.0953, 0.3738, 0.3426
Android (android.graphics.Color)	4288246635 (0xFF99736B)
YUV	125.4500, -9.0958, 24.1614
Hunter-Lab	44.8278, 8.8560, 9.3782

Details

The Yxy color **20.0953, 0.3738, 0.3426** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.6902, 0.2690, 0.3149**, and the grayscale version is **20.6939, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.5160, 0.3598, 0.3404**, and **7.1073, 0.3993, 0.3465** is the 20% darker color. If you saturate the color by 10%, you get **17.1131, 0.4028, 0.3473**, and if you desaturate by 10%, it is **23.5321, 0.3495, 0.3379**.

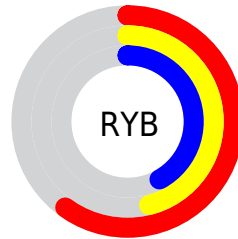
Distribution



Red (60%)

Green (45%)

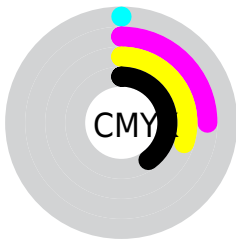
Blue (42%)



Red (60%)

Yellow (46%)

Blue (42%)

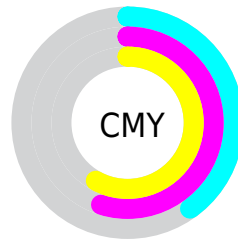


Cyan (0%)

Magenta (25%)

Yellow (30%)

Black (40%)



Cyan (40%)


Magenta (55%)


Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 20.0953, 0.3738, 0.3426 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 20.0953, 0.3738, 0.3426 by changing the saturation by 10% instead.


 20.0953, 0.3738,
0.3426


 20.0953, 0.3738,
0.3426


252.4306, 0.3387,
0.3356


 12.4643, 0.3845,
0.3443


 43.5769, 0.3597,
0.3400


 7.0607, 0.3997,
0.3465


 60.1963, 0.3549,
0.3391

 3.5001, 0.4228,
0.3490

 80.5807, 0.3509,
0.3382

 1.3981, 0.4642,
0.3529

 105.1144, 0.3476,
0.3375

 0.2153, 0.7154,
0.2846

134.1819, 0.3449,
0.3369

 0.0000, 0.0000,
0.0000


168.1674, 0.3425,


0.3364


207.4555, 0.3405,
0.3360


 20.0953, 0.3738,
0.3426

 20.0953, 0.3738,
0.3426


 17.1131, 0.4028,
0.3473


 23.5321, 0.3495,
0.3379


 14.5637, 0.4367,
0.3516


 27.4387, 0.3294,
0.3333


 12.4277, 0.4752,
0.3549

 31.8328, 0.3128,
0.3290

 10.6830, 0.5166,
0.3563

 36.7305, 0.2991,
0.3251

 9.3054, 0.5574,
0.3553

 42.1471, 0.2877,
0.3215

■ 8.2681, 0.5928,
0.3511

■ 48.0974, 0.2781,
0.3183

■ 7.5385, 0.6202,
0.3457

■ 54.5954, 0.2701,
0.3153

■ 61.6547, 0.2634,
0.3126

■ 69.2884, 0.2577,
0.3102

Harmonies

Analogous

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



20.0953, 0.3563, 0.3163



20.0953, 0.3738, 0.3426



20.0953, 0.3738, 0.3670

Triad

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



20.0953, 0.3738, 0.3426



20.0953, 0.2966, 0.3684



20.0953, 0.2689, 0.2773

Complementary

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



20.0953, 0.3738, 0.3426



25.6902, 0.2690, 0.3149

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.



20.0953, 0.2548, 0.2877



20.0953, 0.3738, 0.3426



20.0953, 0.2702, 0.3403

Square

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



20.0953, 0.3738, 0.3426



20.0953, 0.3283, 0.3843



20.0953, 0.2553, 0.3103



20.0953, 0.2948, 0.2798

Rectangle

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



20.0953, 0.3738, 0.3426



20.0953, 0.3641, 0.3791



20.0953, 0.2553, 0.3103



20.0953, 0.2627, 0.2793

Sweetspot

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



20.0962, 0.3738, 0.3426



49.7894, 0.3278, 0.3329



19.3470, 0.3255, 0.2675



10.7726, 0.3303, 0.3335



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



20.0962, 0.3738, 0.3426



32.3433, 0.3925, 0.3458



25.9236, 0.3633, 0.3792



6.3874, 0.3279, 0.3329



6.2645, 0.6192, 0.3466



0.1317, 0.5585, 0.3948

Inverse Universe

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



25.6902, 0.2690, 0.3149



43.9718, 0.2602, 0.3113



19.4313, 0.2645, 0.2731



6.8441, 0.2989, 0.3250



14.3715, 0.2094, 0.2739



0.2573, 0.2169, 0.3009

Previews

White Background



This preview shows how the Yxy color 20.0953, 0.3738, 0.3426 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 20.0953, 0.3738, 0.3426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

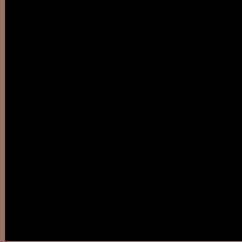
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 20.0953, 0.3738, 0.3426

Background



This preview shows how black text looks on a background with the Yxy color 20.0953, 0.3738, 0.3426.

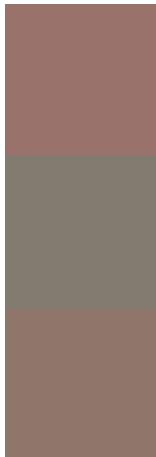


This preview shows how white text looks on a background with the Yxy color 20.0953, 0.3738, 0.3426.

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

20.0953, 0.3738, 0.3426

Protanopia

20.2301, 0.3339, 0.3531

Deuteranopia

19.9850, 0.3586, 0.3521



Tritanopia

20.1593, 0.3585, 0.3159

Trichromacy



Original Color

20.0953, 0.3738, 0.3426

Protanomaly

20.2038, 0.3476, 0.3488

Deuteranomaly

20.1085, 0.3643, 0.3500

Tritanomaly

20.1656, 0.3635, 0.3258

Monochromacy



Original Color

20.0953, 0.3738, 0.3426

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

20.1336, 0.3339, 0.3345

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.0953, 0.3738, 0.3426 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(153, 115, 107)` looks like.

```
.text, #text, p{  
    color:rgb(153, 115, 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(153, 115, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 115, 107) }
```

Border

The CSS property to change the border of an element to Yxy 20.0953, 0.3738, 0.3426 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(153, 115, 107) }
```

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

```
.border{ border-color:rgb(153, 115, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 115, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 115, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 115, 107);  
box-shadow:4px 4px 4px 4px rgb(153, 115,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 20.0953, 0.3738, 0.3426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 115, 107) }
```

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

```
.background{ background-color: rgb(153,  
115, 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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